ENGLISH

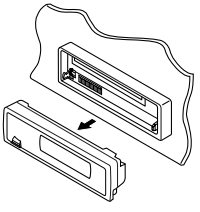
ESPAÑOL

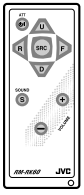
FRANÇAIS

CD RECEIVER KD-AR400/KD-G400

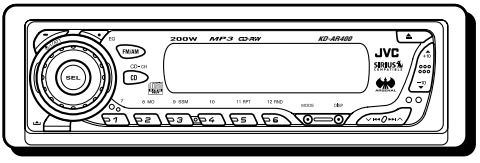
RECEPTOR CON CD KD-AR400/KD-G400

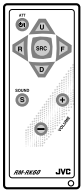
RECEPTEUR CD KD-AR400/KD-G400



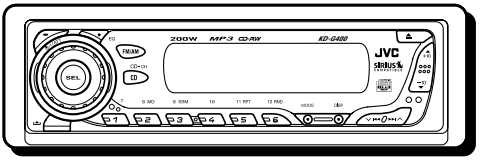


KD-AR400





KD-G400



- This unit is equipped with the display demonstration. To cancel it, see page 8.
- Esta unidad está equipada con demostración en la pantalla. Para cancelarla, consulte la página 8.
- Cet appareil est équipé d'une fonction de démonstration des affichages. Pour l'annuler, référez-vous à la page 8.

For installation and connections, refer to the separate manual.
Para la instalación y las conexiones, refiérase al manual separado.
Pour l'installation et les raccordements, se référer au manuel séparé.

INSTRUCTIONS

MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS

For customer Use:
Enter below the Model No. and Serial No. which are located on the top or bottom of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

GET0189-001A
[J]

INFORMATION (For U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT FOR LASER PRODUCTS

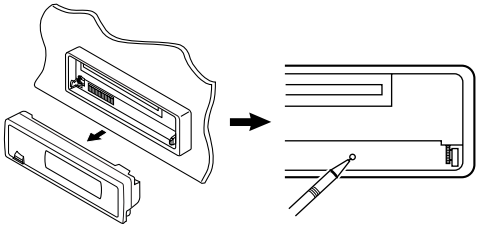
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

How to reset your unit

After detaching the control panel, press the reset button on the panel holder using a ball-point pen or a similar tool.
This will reset the built-in microcomputer.

Note:

Your preset adjustments—such as preset channels or sound adjustments—will also be erased.



BEFORE USE

****For safety....***

- *Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.*
- *Stop the car before performing any complicated operations.*

****Temperature inside the car....***

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

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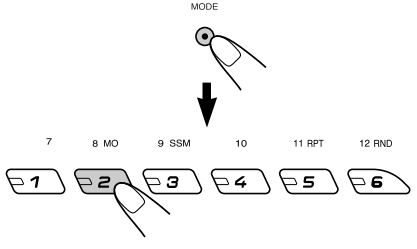
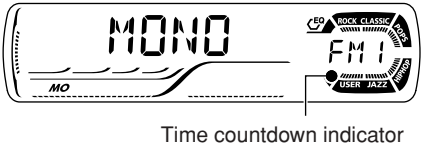
How to use the MODE button

If you press MODE, the unit goes into functions mode, then the number buttons and ▲/▼ buttons work as different function buttons.

Ex.: When number button 2 works as MO (monaural) button.



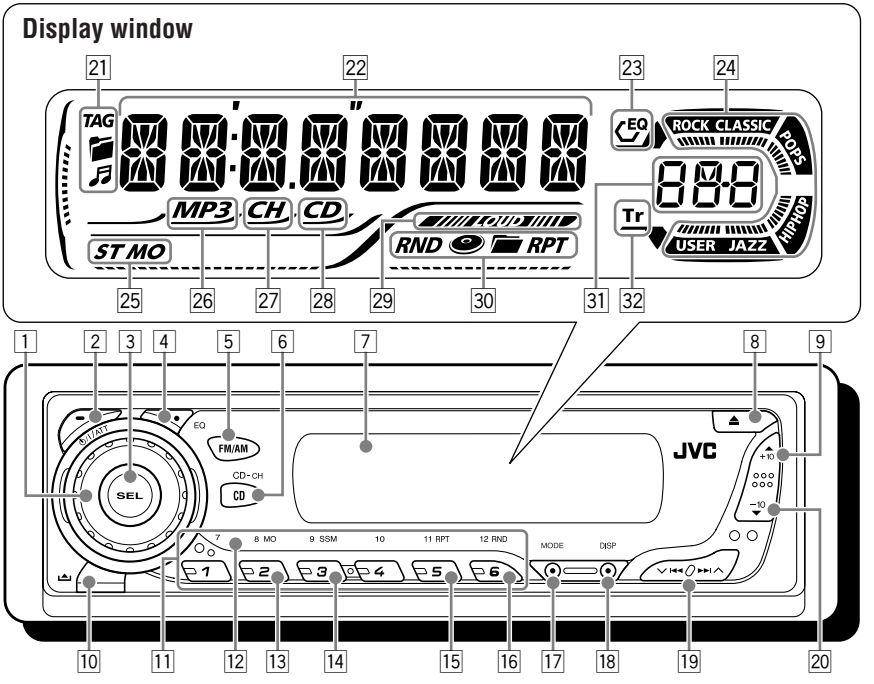


Time countdown indicator

To use these buttons for original functions again after pressing MODE, wait for 5 seconds without pressing any of these buttons until the functions mode is cleared.
• Pressing MODE again also clears the functions mode.

LOCATION OF THE BUTTONS

Control panel

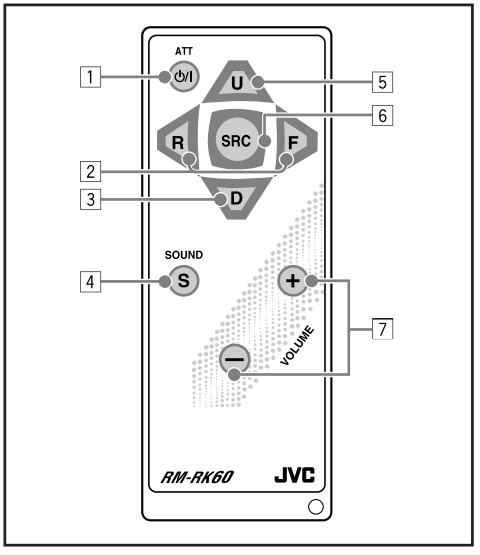


1 Control dial
2 ⏻/I/ATT (standby/on/attenuator) button
3 SEL (select) button
4 EQ (equalizer) button
5 FM/AM button
6 CD CD-CH (CD changer) button
7 Display window
8 ⏏ (eject) button
9 ▲ (up) button
+10 button
10 (control panel release) button
11 Number buttons
12 Remote sensor
13 MO (monaural) button
14 SSM (Strong-station Sequential Memory) button
15 RPT (repeat) button
16 RND (random) button
17 MODE button
18 DISP (display) button
19 ⏮/⏭ buttons
20 ▼ (down) button
–10 button

Display window

21 Disc information indicators
TAG (ID3 Tag), (folder), (track/file)
22 Main display
23 EQ (equalizer) indicator
24 Sound mode (C-EQ: custom equalizer) indicators
ROCK, CLASSIC, POPS, HIP HOP, JAZZ, USER
• *also works as level meter during play if the level meter is activated (see page 25).*
25 Tuner reception indicators
ST (stereo), MO (monaural)
26 MP3 indicator
27 CH (CD changer) indicator
28 CD indicator
29 LOUD (loudness) indicator
30 Playback item/mode indicators
RND (random), (disc), (folder), RPT (repeat)
31 Source display
Volume level indicator
32 Tr (track) indicator

Remote controller



1 • Turns on the unit if pressed when the unit is turned off.
• Turns off the unit if pressed and held until "SEE YOU" appears on the display.
• Drops the volume level in a moment if pressed briefly.
Press again to resume the volume.

2 • Searches for stations while listening to the radio.
• Fast-forwards or reverses the track/file if pressed and held while listening to a disc.
• Skips to the beginning of the next track/file or goes back to the beginning of the current (or previous) tracks/files if pressed briefly while listening to a disc.

3 • Selects the preset stations while listening to the radio.
Each time you press the button, the preset station number increases, and the selected station is tuned in.
• Skips to the first file of the previous folder while listening to an MP3 disc.
Each time you press the button, you can move to the previous folder and start playing the first file.
• While playing an MP3 disc on an MP3-compatible CD changer;
– Skips to the previous disc if pressed briefly.
– Skips to the previous folder if pressed and held.
Note: *While playing a CD on a CD changer, this always skips to the previous disc.*

4 Selects the sound mode (C-EQ: custom equalizer).
Each time you press the button, the sound mode (C-EQ) changes.

5 • Selects the band while listening to the radio.
Each time you press the button, the band changes.
• Skips to the first file of the next folder while listening to an MP3 disc.
Each time you press the button, you can move to the next folder and start playing the first file.
• While playing an MP3 disc on an MP3-compatible CD changer;
– Skips to the next disc if pressed briefly.
– Skips to the next folder if pressed and held.
Note: *While playing a CD on a CD changer, this always skips to the next disc.*

6 Selects the source.
Each time you press the button, the source changes.

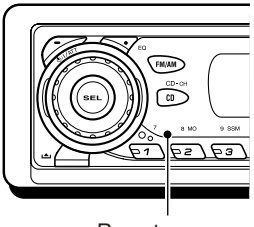
7 Functions the same as the control dial on the main unit.
Note: *These buttons do not function for the preferred setting mode adjustment.*

ENGLISH

Preparing the remote controller

Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.



Remote sensor

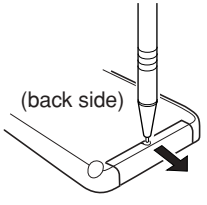
- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).

Installing the battery

When the controllable range or effectiveness of the remote controller decreases, replace the battery.

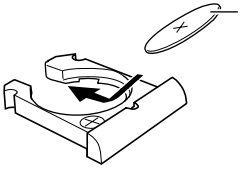
1. Remove the battery holder.

1) Push out the battery holder in the direction indicated by the arrow using a ball-point pen or a similar tool.
2) Remove the battery holder.



2. Place the battery.

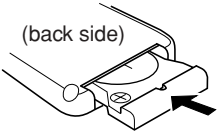
Slide the battery into the holder with the + side facing upwards so that the battery is fixed in the holder.



Lithium coin battery (product number: CR2025)

3. Return the battery holder.

Insert again the battery holder by pushing it until you hear a clicking sound.

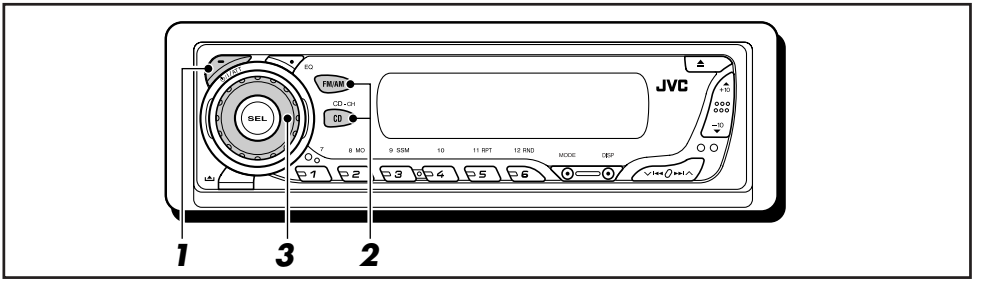


WARNING:

- *Store the battery in a place where children cannot reach.*
  If a child accidentally swallows the battery, consult a doctor immediately.
- *Do not recharge, short, disassemble, or heat the battery or dispose of it in a fire.*
  Doing any of these things may cause the battery to give off heat, crack, or start a fire.
- *Do not leave the battery with other metallic materials.*
  Doing this may cause the battery to give off heat, crack, or start a fire.
- *When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may start to give off heat, crack, or start a fire.*
- *Do not poke the battery with tweezers or similar tools.*
  Doing this may cause the battery to give off heat, crack, or start a fire.

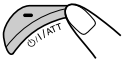
CAUTION:

DO NOT leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time. Otherwise, it may be damaged.



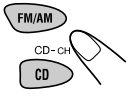
Turning on the power

1 **Turn on the power.**



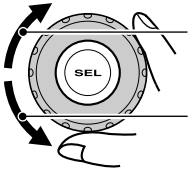
Note on One-Touch Operation:
When you select a source in step **2** *below, the power automatically comes on. You do not have to press this button to turn on the power.*

2 **Select the source.**



To operate the tuner (FM or AM),
see pages 10 – 12.
To play a CD,
see pages 13 – 16.
To play an MP3 disc,
see pages 18 – 21.
To operate the CD changer,
see pages 28 – 31.
To operate the external component (LINE IN or SIRIUS), see page 32.

3 **Adjust the volume.**



To increase the volume

To decrease the volume

Volume level appears.

Volume level indicator

4 **Adjust the sound as you want. (See pages 22 and 23.)**

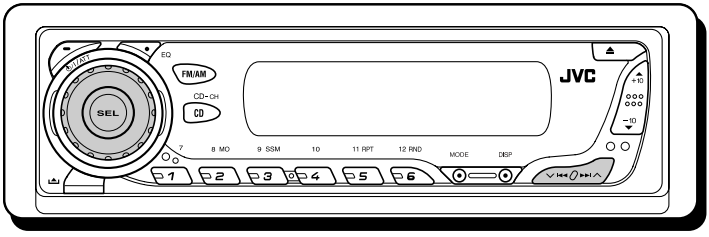
To drop the volume in a moment

Press ⏻/I/ATT briefly while listening to any source. "ATT" starts flashing on the display, and the volume level will drop in a moment.
To resume the previous volume level, press the button briefly again.
- If you turn the control dial, you can also restore the sound.

To turn off the power

Press and hold ⏻/I/ATT for more than one second.
"SEE YOU" appears, then the unit turns off.
- **If you turn off the power while listening to a disc,** disc play will start from where playback has been stopped previously, next time you turn on the power.

CAUTION on Volume Setting:
Discs produce very little noise compared with other sources. If the volume level is adjusted for the tuner, for example, the speakers may be damaged by the sudden increase in the output level. Therefore, lower the volume before playing a disc and adjust it as required during playback.



Canceling the display demonstration

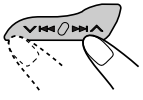
When shipped from the factory, display demonstration has been activated, and starts automatically when no operations are done for about 20 seconds.

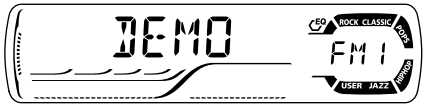
- It is recommended to cancel the display demonstration before you use the unit for the first time.

To cancel the display demonstration, follow the procedure below:

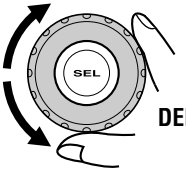
1 **Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (PSM: see page 25.)**

2 **Select "DEMO" if not shown on the display.**





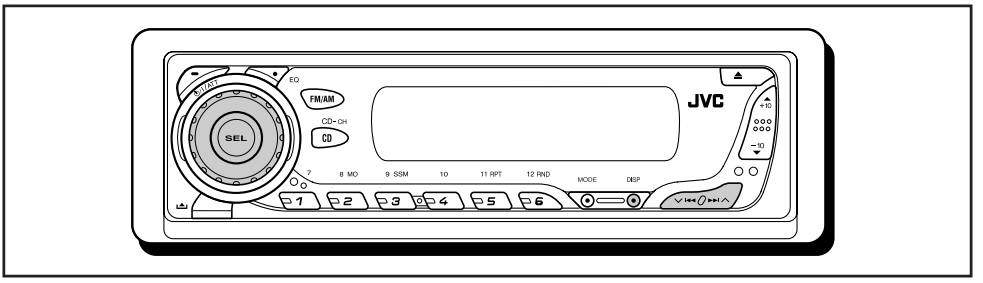
3 **Select "DEMO OFF."**



DEMO OFF ↔ DEMO ON

4 **Finish the setting.**

To activate the display demonstration, repeat the same procedure and select "DEMO ON" in step ***3***.

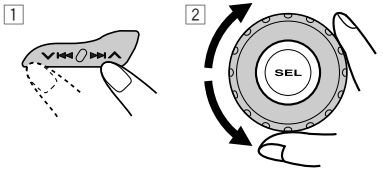


Setting the clock

1 **Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (PSM: see page 25.)**

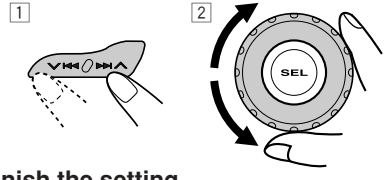
2 **Set the hour.**

1 Select “CLOCK H” (hour) if not shown on the display.
2 Adjust the hour.



3 **Set the minute.**

1 Select “CLOCK M” (minute).
2 Adjust the minute.



4 **Finish the setting.**

To check the current clock time or change the display mode

Press DISP (display) repeatedly. Each time you press the button, the display changes as follows:

- **During tuner operation:**

Frequency ⟷ Clock

- **During disc operation:**

Elapsed playing time → Clock → Disc title / performer → Track title → Elapsed playing time

Notes:

- *While playing a conventional CD, “NO NAME” appears for the disc title/performer and the track title.*
- *For indication change while playing a CD Text or an MP3 disc, see also pages 16 and 19.*

- **During external component operation:**

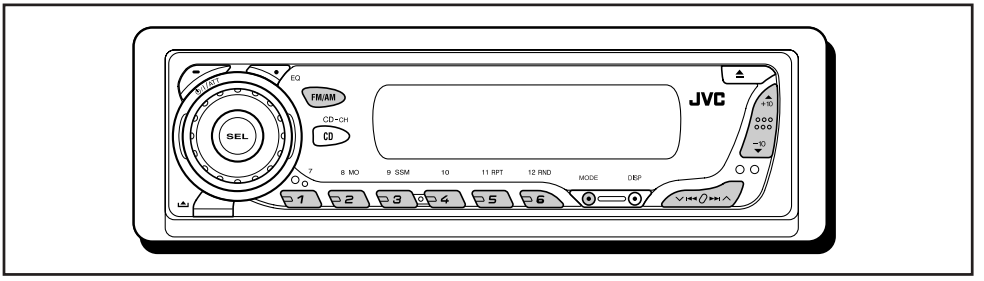
LINE IN ⟷ Clock

- **During SIRIUS operation:**

SIRIUS ⟷ Clock

- **During power off:**
  The power turns on and the clock time is shown for 5 seconds, then the power turns off.

RADIO OPERATIONS



Listening to the radio

You can use either automatic searching or manual searching to tune in to a particular station.

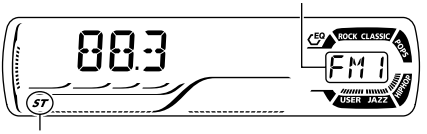
Searching for a station automatically: Auto search

1 Select the band (FM1 – 3, AM).

Each time you press the button, the band changes as follows:

FM1 → FM2 → FM3 → AM

Selected band appears.

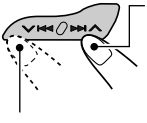


Lights up when receiving an FM stereo broadcast with sufficient signal strength.

Note:

This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

2 Start searching for a station.



To search stations of higher frequencies

To search stations of lower frequencies

When a station is received, searching stops.

To stop searching before a station is received, press the same button you have pressed for searching.

Searching for a station manually: Manual search

1 Select the band (FM1 – 3, AM).

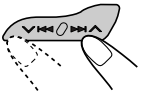
Each time you press the button, the band changes as follows:

FM1 → FM2 → FM3 → AM

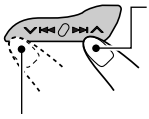
Note:

This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

2 Press and hold ►►| ^ or v |◄◄ until "M" (manual) starts flashing on the display.



3 Tune in to a station you want while "M" (manual) is still flashing.



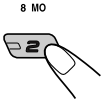
To tune in to stations of higher frequencies

To tune in to stations of lower frequencies

- If you release your finger from the button, the manual mode will automatically turns off after 5 seconds.
- If you hold down the button, the frequency keeps changing (in 200 kHz intervals for FM and 10 kHz for AM) until you release the button.

When an FM stereo broadcast is hard to receive:

1 Press MODE to enter the functions mode while listening to an FM stereo broadcast.



2 Press MO (monaural), while "MODE" is still flashing on the display, so that "MONO" appears on the display.
Each time you press the button, the monaural mode turns on and off alternately.

MO (monaural) indicator

When the MO indicator is lit on the display, the sound you hear becomes monaural but the reception will be improved.

Storing stations in memory

You can use one of the following two methods to store broadcasting stations in memory.
- Automatic preset of FM stations: SSM (Strong-station Sequential Memory)
- Manual preset of both FM and AM stations

FM station automatic preset: SSM

You can preset 6 local FM stations in each FM band (FM1, FM2, and FM3).

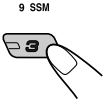
1 Select the FM band (FM1 – 3) you want to store FM stations into.

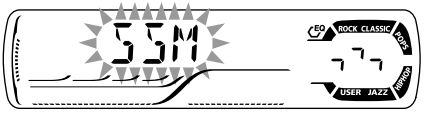
Each time you press the button, the band changes as follows:

→ FM1 → FM2 → FM3 → AM →

2 Press MODE to enter the functions mode.

3 Press and hold SSM for about 2 seconds.





"SSM" flashes, then disappears when automatic preset is over.

Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2, or FM3). These stations are preset in the number buttons —No.1 (lowest frequency) to No.6 (highest frequency).
When automatic preset is over, the station stored in number button 1 will be automatically tuned in.

Manual preset

You can preset up to 6 stations in each band (FM1, FM2, FM3, and AM) manually.

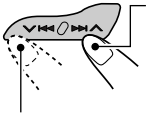
Ex.: Storing FM station of 92.5 MHz into the preset number 1 of the FM1 band.

1 Select the band (FM1 – 3, AM) you want to store stations into (in this example, FM1).

Each time you press the button, the band changes as follows:

FM1 → FM2 → FM3 → AM

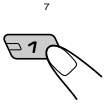
2 Tune in to a station (in this example, of 92.5 MHz).

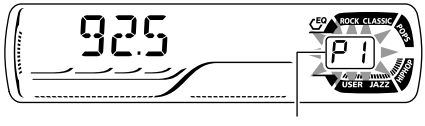


To tune in to stations of higher frequencies

To tune in to stations of lower frequencies

3 Press and hold the number button (in this example, 1) for more than 2 seconds.





Preset number flashes for a while.

4 Repeat the above procedure to store other stations into other preset numbers.

Notes:

- *A previously preset station is erased when a new station is stored in the same preset number.*
- *Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.*

Tuning in to a preset station

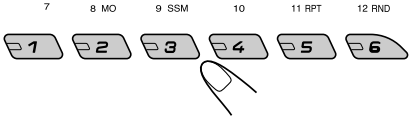
You can easily tune in to a preset station. Remember that you must store stations first. If you have not stored them yet, see “Storing stations in memory” on pages 11 and 12.

1 Select the band (FM1 – 3, AM).

Each time you press the button, the band changes as follows:

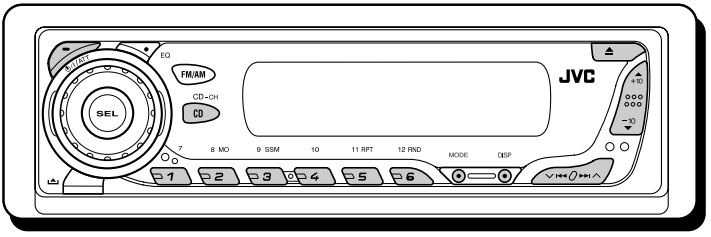
FM1 → FM2 → FM3 → AM

2 Select the number (1 – 6) for the preset station you want.



Note:

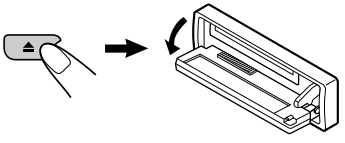
You can also use the ▲ (up) or ▼ (down) button on the unit to select the next or previous preset stations. Each time you press the ▲ (up) or ▼ (down) button, the next or previous preset station is tuned in.



Refer to “MP3 OPERATIONS” on pages 18 to 21 for operating MP3 discs.

Playing a CD

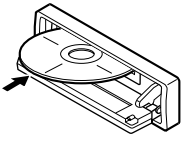
1 Open the control panel.



Note on One-Touch Operation:

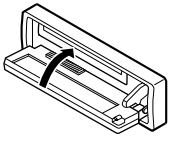
When a CD is already in the loading slot, pressing CD CD-CH turns on the unit and starts playback automatically.

2 Insert a CD into the loading slot.



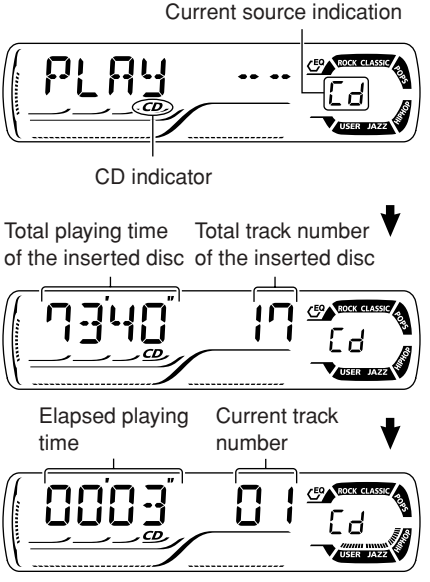
The unit turns on, draws the CD and starts playback automatically.

3 Close the control panel by hand.



All tracks will be played repeatedly until you stop playback.

The display changes to show the following:



Notes:

- *When a CD is inserted upside down, the CD automatically ejects (if the control panel is open). If the control panel is closed, the source changes to the previously selected source, “PLEASE” and “EJECT” appear alternately on the display.*
- *If there is no CD in the loading slot, you cannot select CD as the source. “NO DISC” appears on the display.*
- *If the current disc is a CD Text, disc title/performer and then track title will automatically appear.*

ENGLISH

To stop play and eject the CD

Press ⏏.
CD play stops and the control panel flips down. The CD automatically ejects from the loading slot. The source changes to the previously selected source.

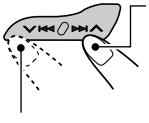
- If you change the source, CD play also stops (without ejecting the CD).
  Next time you select "CD" as the source, CD play starts from where playback has been stopped previously.

Notes:

- *If the ejected disc is not removed for about 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust. (Disc play will not start this time.)*
- *You can eject the disc even when the unit is turned off.*

Locating a track or a particular portion on a CD

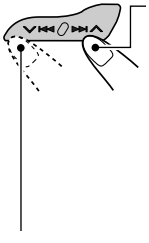
To fast-forward or reverse the track



Press and hold ⏭ ∧, while playing a CD, to fast-forward the track.

Press and hold ∨ ⏮, while playing a CD, to reverse the track.

To go to the next or previous tracks

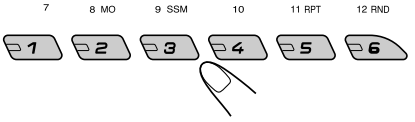


Press ⏭ ∧ briefly, while playing a CD, to go ahead to the beginning of the next track.
Each time you press the button consecutively, the beginning of the next tracks is located and played back.

Press ∨ ⏮ briefly, while playing a CD, to go back to the beginning of the current track.
Each time you press the button consecutively, the beginning of the previous tracks is located and played back.

To go to a particular track directly

Press the number button corresponding to the track number to start its playback.

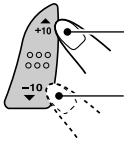


- To select a track number from 1 – 6:
  Press 1 (7) – 6 (12) briefly.
- To select a track number from 7 – 12:
  Press and hold 1 (7) – 6 (12) for more than one second.

To go to a track quickly (+10 and –10 buttons)

1 Press MODE to enter the functions mode while playing a CD.

2 Press +10 or –10.



To skip 10 tracks* forwards to the last track

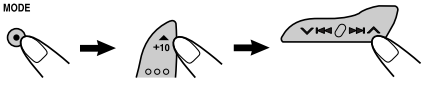
To skip 10 tracks* backwards to the first track

* First time you press +10 or –10 button, the track skips to the nearest higher or lower track with a track number of multiple ten (ex. 10th, 20th, 30th).
Then each time you press the button, you can skip 10 tracks (see "How to use the +10 and –10 buttons" on page 15).

- After the last track, the first track will be selected, and vice versa.

How to use the +10 and –10 buttons

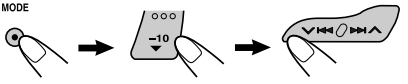
• Ex. 1: To select track number 32 while playing track number 6



(Three times) (Twice)

Track 6 ➡ 10 ➡ 20 ➡ 30 ➡ 31 ➡ 32

• Ex. 2: To select track number 8 while playing track number 36



(Three times) (Twice)

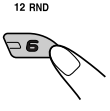
Track 36 ➡ 30 ➡ 20 ➡ 10 ➡ 9 ➡ 8

Selecting CD playback modes

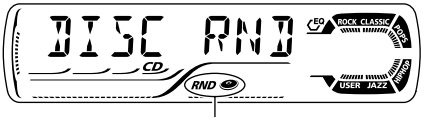
To play back tracks at random (Disc Random Play)

You can play back all tracks on the CD at random.

1 Press MODE to enter the functions mode while playing a CD.



2 Press RND (random), while "MODE" is still flashing on the display, so that "DISC RND" appears on the display.
Each time you press the button, disc random play mode turns on and off alternately.



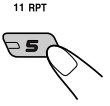
RND and (disc) indicators

When disc random play is turned on, the RND and indicators light up on the display. A track randomly selected starts playing.

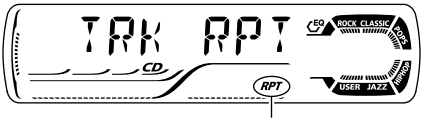
To play back tracks repeatedly (Track Repeat Play)

You can play back the current track repeatedly.

1 Press MODE to enter the functions mode while playing a CD.



2 Press RPT (repeat), while "MODE" is still flashing on the display, so that "TRK RPT" appears on the display.
Each time you press the button, track repeat play mode turns on and off alternately.



RPT indicator

When track repeat play is turned on, the RPT indicator lights up on the display. The current track starts playing repeatedly.

ENGLISH

Playing a CD Text

In a CD Text, some information about the disc (its disc title, performer, and track title) is recorded. This CD Text information will be shown automatically when you play a CD Text.

To change the CD Text information manually, select text display mode while playing a CD Text.

Press DISP (display) repeatedly. Each time you press the button, the display changes as follows:

Disc title / performer
↓
Track title
(♫ lights up on the display)
↓
Elapsed playing time and Current track number
↓
Clock and Current track number

Notes:

- *The display shows up to 8 characters at one time and scrolls if there are more than 8 characters. See also "To select the scroll mode—SCROLL" on page 26.*
  Some characters or symbols will not be shown (and will be blanked) on the display. (Ex. "ABCå!d#" ⇨"ABCA D ")
- *When you press DISP (display) while playing a conventional CD, "NO NAME" appears for the disc title/performer and the track title.*
- *When track title is shown, the Tr indicator and current track number also appear on the right side of the display.*

Prohibiting disc ejection

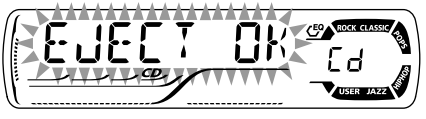
You can prohibit disc ejection and can lock a disc in the loading slot.

While pressing CD CD-CH, press and hold ⏻/I/ATT for more than 2 seconds.

"NO EJECT" flashes on the display for about 5 seconds, and the disc is locked and cannot be ejected.

To cancel the prohibition and unlock the disc

While pressing CD CD-CH, press and hold ⏻/I/ATT again for more than 2 seconds.
"EJECT OK" flashes on the display for about 5 seconds, and the disc is unlocked.



What is MP3?

MP3 is an abbreviation of Motion Picture Experts Group (or MPEG) Audio Layer 3. MP3 is simply a file format with a data compression ratio of 1:10 (128 Kbps*).

* *Bit rate is the average number of bits that one second of audio data will consume. The unit used is Kbps. To get a better audio quality, choose a higher bit rate. The most popular bit rate for encoding is 128 Kbps.*

- **For details information about the MP3 discs, refer to "A Guide to MP3/WMA" (separate volume).**

Compatible with ID3 Tag

Extra information data such as album title, performer name, song title, recording year, music genre and a brief comment can be stored within an MP3 file.

This unit can show both ID3v1 (Version 1) and ID3v2 (version 2) tags on the display. (See page 19.)

- Some characters cannot be shown correctly.
- If both ID3v1 and ID3v2 are recorded on a disc, ID3v2 information will be shown.

How are MP3 files recorded and played back?

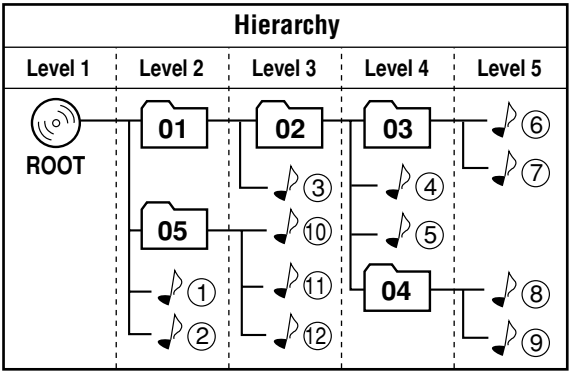
MP3 "**files (tracks)**" can be recorded in "**folders**" —in PC terminology.
During recording, the files and folders can be arranged in a way similar to arranging files and folders of computer data.
"**Root**" is similar to the root of a tree. Every file and folder can be linked to and be accessed from the root.

The illustration below shows an example of how MP3 files are recorded on a CD-R or CD-RW, how they are played back, and how they are searched for on this unit.

Notes:

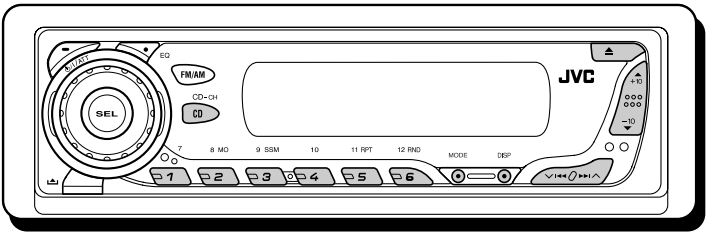
- *This unit can read a CD-ROM containing MP3 files. However, if non-MP3 files are recorded together with MP3 files, this unit will take a longer time to scan the disc. It may also cause the unit to malfunction.*
- *This unit cannot read or play an MP3 file without the extension code <.mp3>.*
- *This unit is not compatible with MP3 file encoded with Layer 1 and Layer 2 formats.*
- *This unit is not compatible with Playlist**.*

** *A playlist is a simple text file, used on a PC, which enables users to make their own playback order without physically rearranging the files.*



01	: Folder and their playback order
♪1	: MP3 files and their playback order

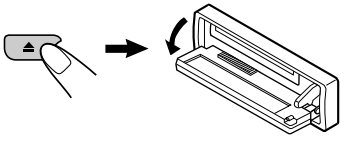
MP3 OPERATIONS



Refer also to “CD OPERATIONS” on pages 13 to 16.

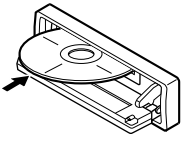
Playing an MP3 disc

1 Open the control panel.



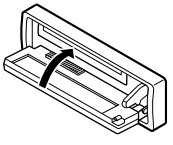
Note on One-Touch Operation:
When a disc is already in the loading slot, pressing CD CD-CH turns on the unit and starts playback automatically.

2 Insert an MP3 disc into the loading slot.



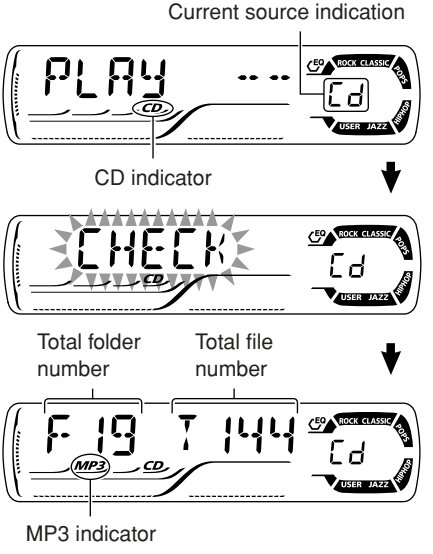
The unit turns on, draws the disc and starts playback automatically.

3 Close the control panel by hand.



All files will be played repeatedly until you stop playback.

The display changes to show the following:



Ex.: When the disc contains 19 folders and 144 MP3 files

Notes:

- *MP3 discs require a longer readout time. (It differs due to the complexity of the folder/file configuration.)*
- *When playback starts, folder and file names (or ID3 tags) will automatically appear. (See also page 19.)*
- *If you change the source or turn the power off, disc playback stops (without ejecting the disc). Next time you select the CD player as the source or turn the power on, disc play starts from where playback has been stopped previously.*

To stop play and eject the disc

Press ⏏.
Playback stops and the control panel flips down. The disc automatically ejects from the loading slot.

To change the display information

While playing back an MP3 file, you can change the MP3 disc information shown on the display.

Press DISP (display) repeatedly. Each time you press the button, the display changes to show the following:

- **When "TAG DISP" is set to "TAG ON" (initial setting: see page 26)**

Album name / performer (folder name*)
(**TAG** 🗀 lights up on the display)
↓
Track title (file name*)
(**TAG** ♫ lights up on the display)
↓
Elapsed playing time and Current file number
↓
Clock and Current file number

* *If an MP3 file does not have ID3 tags, folder name and file name appear. In this case, the TAG indicator will not light up on the display.*

- **When "TAG DISP" is set to "TAG OFF"**

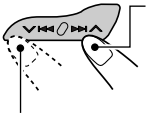
Folder name
(🗀 lights up on the display)
↓
File name
(♫ lights up on the display)
↓
Elapsed playing time and Current file number
↓
Clock and Current file number

Notes:

- *The display shows up to 8 characters at a time and scrolls if there are more than 8 characters. See also "To select the scroll mode—SCROLL" on page 26.*
- *When folder or file name is shown, current folder number or the Tr indicator and current file number also appear on the right side of the display.*

Locating a file or a particular portion on an MP3 disc

To fast-forward or reverse the file



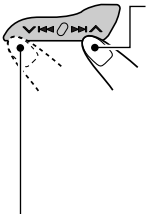
Press and hold ⏭ ∧ while playing an MP3 disc, to fast-forward the file.

Press and hold ∨ ⏮ while playing an MP3 disc, to reverse the file.

Note:

During this operation, you can only hear intermittent sounds. (The elapsed playing time also changes intermittently on the display.)

To skip to the next or previous files

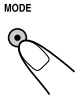


Press ⏭ ∧ briefly while playing, to skip ahead to the beginning of the next file. Each time you press the button consecutively, the beginning of the next files is located and played back.

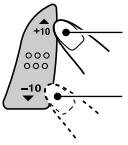
Press ∨ ⏮ briefly while playing, to skip back to the beginning of the current file.
Each time you press the button consecutively, the beginning of the previous files is located and played back.

To go to a particular file quickly within the current folder (+10 and –10 buttons)

1 Press MODE to enter the functions mode while playing an MP3 disc.



2 Press +10 or –10.



To skip 10 files* forwards to the last file

To skip 10 files* backwards to the first file

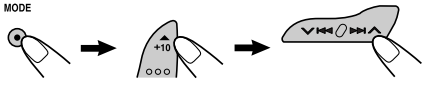
* First time you press +10 or –10 button, the file skips to the nearest higher or lower file with a file number of multiple ten (ex. 10th, 20th, 30th).

Then each time you press the button, you can skip 10 files (see "How to use the +10 and –10 buttons" below).

- After the last file, the first file will be selected, and vice versa.

How to use the +10 and –10 buttons

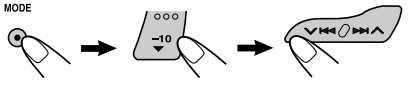
• Ex. 1: To select file number 32 while playing file number 6



(Three times) (Twice)

File 6 ➡ 10 ➡ 20 ➡ 30 ➡ 31 ➡ 32

• Ex. 2 : To select file number 8 while playing file number 36



(Three times) (Twice)

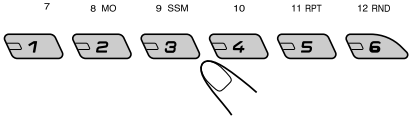
File 36 ➡ 30 ➡ 20 ➡ 10 ➡ 9 ➡ 8

To go to a particular folder directly

IMPORTANT:
To directly select the folders using the number button(s), it is required that folders are assigned 2 digit numbers at the beginning of their folder names. (This can only be done during the recording of CD-Rs or CD-RWs.)

Ex.: If folder name is "01 ABC"
→ Press 1 to go to Folder 01 ABC.
If folder name is "1 ABC," pressing 1 does not work.
If folder name is "12 ABC"
→ Press and hold 6 (12) to go to Folder 12 ABC.

Press the number button corresponding to the folder number to start playing the first file in the selected folder.



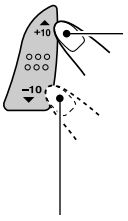
- To select a folder number from 01 – 06: Press 1 (7) – 6 (12) briefly.
- To select a folder number from 07 – 12: Press and hold 1 (7) – 6 (12) for more than one second.

Notes:

- *If 📁 indicator flashes on the display after you have selected a folder, it means that the folder does not contain any MP3 files.*
- *You cannot directly select a folder with a number greater than 12.*

To select a particular file in a folder, press ⏭ ∧ or ∨ ⏮ after selecting the folder.

To skip to the next or previous folder



Press ▲ (up) while playing an MP3 disc to skip to the next folder.
Each time you press the button consecutively, the next folder is located (and the first file in the folder starts playing, if recorded).

Press ▼ (down) while playing an MP3 disc to skip back to the previous folder.
Each time you press the button consecutively, the previous folder is located (and the first file in the folder starts playing, if recorded).

Note:

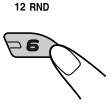
If the folder does not contain any MP3 files, it is skipped.

Selecting MP3 playback modes

To play back files at random (Folder Random/Disc Random Play)

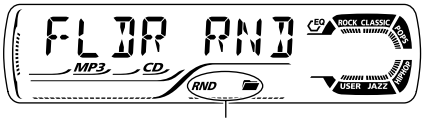
You can play back all files of the current folder or all files on the MP3 disc at random.

1 Press MODE to enter the functions mode while playing an MP3 disc.



2 Press RND (random), while "MODE" is still flashing on the display, so that "FLDR RND" or "DISC RND" appears on the display.
Each time you press the button, the random play mode changes as follows:

FLDR RND → DISC RND → Canceled



RND and 🗀 (folder) indicators

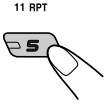
Ex.: When you select "FLDR RND"

Mode	Active indicator	Plays at random
FLDR RND	RND and 🗀 indicators light up.	All files of the current folder, then files of the next folder and so on.
DISC RND	RND and 💿 indicators light up.	All files on the disc.

To play back files repeatedly (Track Repeat/Folder Repeat Play)

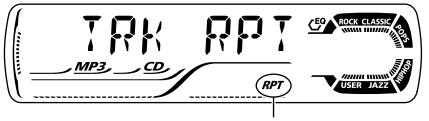
You can play back the current file or all the files in the current folder repeatedly.

1 Press MODE to enter the functions mode while playing an MP3 disc.



2 Press RPT (repeat), while "MODE" is still flashing on the display, so that "TRK RPT" or "FLDR RPT" appears on the display.
Each time you press the button, the repeat play mode changes as follows:

TRK RPT → FLDR RPT → Canceled



RPT indicator

Ex.: When you select "TRK RPT"

Mode	Active indicator	Plays repeatedly
TRK RPT	RPT indicator lights up.	The current (or specified) file.
FLDR RPT	🗀 and RPT indicators light up.	All files of the current (or specified) folder.

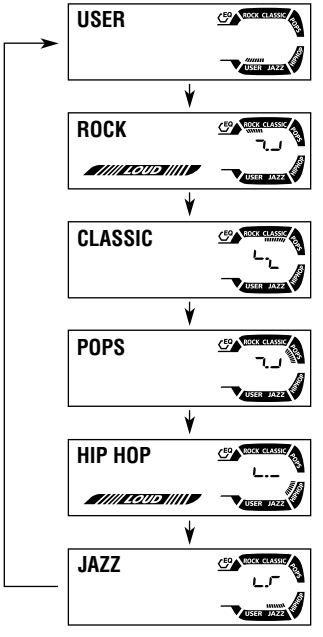
ENGLISH

Selecting preset sound modes (C-EQ: custom equalizer)

You can select a preset sound mode (C-EQ: custom equalizer) suitable to the music genre.

Select the sound mode you want.

Each time you press the button, the sound modes change as follows:



Indication pattern changes for each sound mode except for “USER.”

Ex.: When you select “ROCK”

Indication	For:	Preset values		
		BAS	TRE	LOUD
USER	(Flat sound)	00	00	OFF
ROCK	Rock or disco music	+03	+01	ON
CLASSIC	Classical music	+01	–02	OFF
POPS	Light music	+04	+01	OFF
HIP HOP	Funk or rap music	+02	00	ON
JAZZ	Jazz music	+02	+03	OFF

Note:

You can adjust each sound mode to your preference. Once you make an adjustment, it is automatically stored for the currently selected sound mode. See “Adjusting the sound” on page 23.

Adjusting the sound

You can adjust the sound characteristics to your preference.

1 Select the item you want to adjust.

Each time you press the button, the adjustable items change as follows:

BAS (bass) → TRE (treble) → FAD (fader) → VOL (volume) ← LOUD (loudness) ← BAL (balance)

Indication	To do:	Range
BAS*1	Adjust the bass.	–06 (min.) | +06 (max.)
TRE*1	Adjust the treble.	–06 (min.) | +06 (max.)
FAD*2	Adjust the front and rear speaker balance.	R06 (Rear only) | F06 (Front only)
BAL	Adjust the left and right speaker balance.	L06 (Left only) | R06 (Right only)
LOUD*1	Boost low and high frequencies to produce a well-balanced sound at low volume level.	LOUD ON | LOUD OFF
VOL*3	Adjust the volume.	00 (min.) | 30 or 50 (max.)*4

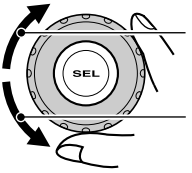
*1 *When you adjust the bass, treble, or loudness, the adjustment you have made is stored for the currently selected sound mode (C-EQ) including "USER."*

*2 *If you are using a two-speaker system, set the fader level to "00."*

*3 *Normally the control dial works as the volume control. So you do not have to select "VOL" to adjust the volume level.*

*4 *Depending on the amplifier gain control setting. (See page 26 for details.)*

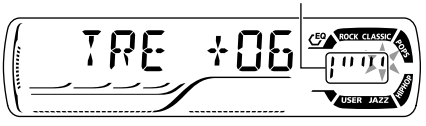
2 Adjust the setting.



To increase the level or turn on the loudness

To decrease the level or turn off the loudness

Indication pattern changes as you adjust the bass or treble.



Ex. 1: When you adjust "TRE" (treble)

Ex. 2: When you turn on the loudness

3 Repeat steps *1* and *2* to adjust the other items.

To reset each sound mode to the factory settings, repeat the same procedure and reassign the preset values listed in the table on page 22.

ENGLISH

Changing the general settings (PSM)

You can change the items listed in the table on page 25 by using the PSM (Preferred Setting Mode) control.

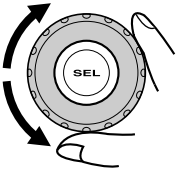
Basic Procedure

1 **Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (See page 25.)**

2 **Select the PSM item you want to adjust.**

Ex.: When you select “DIMMER”

3 **Adjust the PSM item selected.**



4 **Repeat steps *2* and *3* to adjust the other PSM items if necessary.**

5 **Finish the setting.**

Preferred Setting Mode (PSM) items

• For detailed operations of each PSM items, refer to the pages listed in the table.

Indications		Selectable values/items		Factory-preset settings	See page
DEMO	Display demonstration	DEMO OFF	DEMO ON	DEMO ON	8
CLOCK H	Hour adjustment	1 – 12		1 (1:00)	9
CLOCK M	Minute adjustment	00 – 59		00 (1:00)	9
LEVEL	Level display	OFF	ON	ON	25
DIMMER	Dimmer mode	AUTO ↔ OFF ↔ ON		AUTO	25
SCROLL	Scroll mode	ONCE ↔ AUTO ↔ OFF		ONCE	26
EXT IN*	External component	CHANGER ↔ LINE IN ↔ SIRIUS		CHANGER	26
TAG DISP	Tag display	TAG OFF	TAG ON	TAG ON	26
AMP GAIN	Amplifier gain control	LOW PWR	HIGH PWR	HIGH PWR	26

* *Displayed only when one of the following sources is selected—FM, AM, and CD.*

To select the level meter—LEVEL

You can activate or deactivate the level meter according to your preference.
When shipped from the factory, level meter is activated.

- ON: Shows the audio level indicator.
- OFF: Cancels the audio level indicator; sound mode indicator is shown.

To select the dimmer mode—DIMMER

When you turn on the car headlights, the display automatically dims (Auto Dimmer).
When shipped from the factory, Auto Dimmer mode is activated.

- AUTO: Activates Auto Dimmer.
- OFF: Cancels Auto Dimmer.
- ON: Always dims the display.

Note:

Auto Dimmer equipped for this unit may not work correctly on some vehicles, particularly on those having a control dial for dimming.
In this case, set the dimmer mode to "ON" or "OFF."

ENGLISH

To select the scroll mode—SCROLL

You can select the scroll mode for the disc information (when the entire text cannot be shown at once).
When shipped from the factory, scroll mode is set to "ONCE."

- ONCE: Scrolls only once.
- AUTO: Repeats the scroll (5-second intervals in between).
- OFF: Cancels scroll mode.

Note:

Even if the scroll mode is set to "OFF," you can scroll the display by pressing DISP (display) for more than one second.

To select the external component to use —EXT IN

You can connect the external component to the CD changer jack on the rear using an adapter specially designed for the external component. To use the external component as the playback source through this unit, you need to select which component—CD changer or external component—to use.
When shipped from the factory, CD changer is selected as the external component.

- CHANGER: To use the CD changer.
- LINE IN: To use the external component other than CD changer.
- SIRIUS: To use the JVC SIRIUS Radio.

Notes:

- *For connecting the Line Input Adapter KS-U57 and the external component, refer to the Installation/ Connection Manual (separate volume).*
- *For connecting the JVC SIRIUS Radio, refer to the SIRIUS Radio Setup Manual (separate volume).*

To turn the tag display on or off—TAG DISP

An MP3 file can contain file information called "ID3 Tag" where its album name, performer, track title, etc. are recorded.
There are two versions–ID3v1 (ID3 Tag version 1) and ID3v2 (ID3 Tag version 2). If both ID3v1 and ID3v2 are recorded on a disc, ID3v2 information will be shown.
When shipped from the factory, "TAG ON" is selected.

- TAG ON: Turns on the ID3 tag display while playing MP3 files.
  - If an MP3 file does not have ID3 tags, folder name and file name appear.
- TAG OFF: Turns off the ID3 tag display while playing MP3 files. (Only the folder name and file name can be shown.)

To select the amplifier gain control —AMP GAIN

You can change the maximum volume level of this unit. When the maximum power of the speakers is less than 50 W, select "LOW PWR" to prevent them from being damaged.
When shipped from the factory, "HIGH PWR" is selected.

- LOW PWR: You can adjust the volume level from "VOL 00" to "VOL 30."

  Note:

  If you change the setting from "HIGH PWR" to "LOW PWR" while listening at a volume level more than 30, the unit automatically changes the volume level to "VOL 30."

- HIGH PWR: You can adjust the volume level from "VOL 00" to "VOL 50."

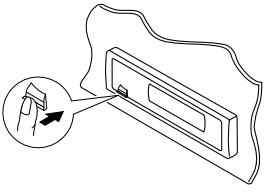
Detaching the control panel

You can detach the control panel when leaving the car.
When detaching or attaching the control panel, be careful not to damage the connectors on the back of the control panel and on the panel holder.

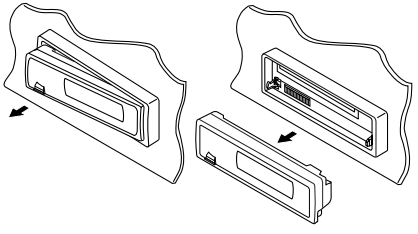
Detaching the control panel

Before detaching the control panel, be sure to turn off the power.

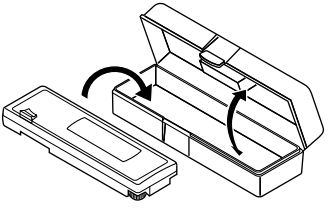
1 Unlock the control panel.



2 Pull the control panel out of the unit.

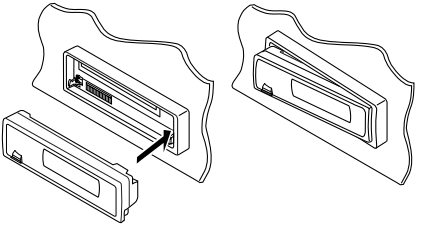


3 Put the detached control panel into the provided case.

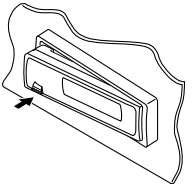


Attaching the control panel

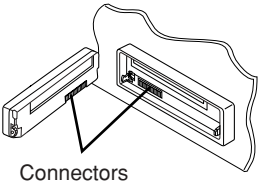
1 Insert the right side of the control panel into the groove on the panel holder.



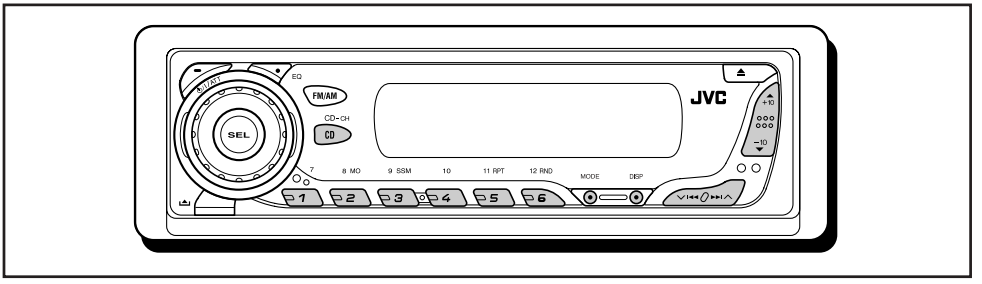
2 Press the left side of the control panel to fix it to the panel holder.



Note on cleaning the connectors:
If you frequently detach the control panel, the connectors will deteriorate.
To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.



CD CHANGER OPERATIONS



We recommend that you use the JVC MP3-compatible CD changer with your unit.

By using this CD changer, you can play back your original CD-Rs (Recordable) and CD-RWs (Rewritable) recorded either in audio CD format or in MP3 format.

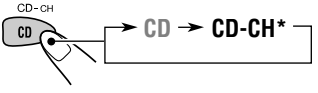
- You can also connect other CH-X series CD changers (except CH-X99 and CH-X100). However, they are not compatible with MP3 discs, so you cannot play back MP3 discs.
- You cannot use the KD-MK series CD changers with this unit.

Before operating your CD changer:

- Refer also to the Instructions supplied for your CD changer.
- If no discs are in the magazine of the CD changer or the discs are inserted upside down, "NO DISC" will appear on the display. If this happens, remove the magazine and set the discs correctly.
- If no magazine is loaded in the CD changer, "NO MAG" appears on the display. If this happens, insert the magazine in the CD changer.
- If "RESET 1" – "RESET 8" appears on the display, something is wrong with the connection between this unit and the CD changer. If this happens, check the connection and make sure the cords are connected firmly. Then, press the reset button of the CD changer.

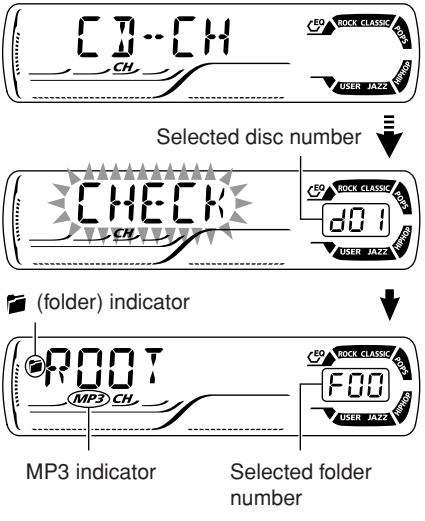
Playing discs

Select the CD changer (CD-CH).



* *If you have changed "EXT IN" setting to "LINE IN" or "SIRIUS" (see page 26), you cannot select the CD changer.*

- **When the current disc is an MP3 disc:** Playback starts from the first folder of the current disc once file check is completed.



Note:

Folder name appears on the display instead of "ROOT," if an MP3 disc contains a folder.

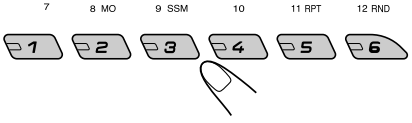
- **When the current disc is a CD:**
  Playback starts from the first track of the current disc.

Notes:

- *When you press CD CD-CH, the power automatically comes on. You do not have to press* ⏻/I/ATT *to turn on the power.*
- *If you change the source, CD changer play also stops. Next time you select the CD changer as the source, CD changer play starts from where playback has been stopped previously.*
- *When you start playing back a CD Text or MP3 disc, disc information will automatically appear on the display. (See pages 16 and 19.)*

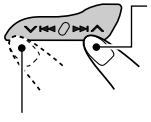
To go to a particular disc directly

Press the number button corresponding to the disc number to start its playback (while the CD changer is playing).



- To select a disc number from 1 – 6:
  Press 1 (7) – 6 (12) briefly.
- To select a disc number from 7 – 12:
  Press and hold 1 (7) – 6 (12) for more than one second.

To fast-forward or reverse the track/file



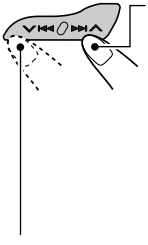
Press and hold ⏭ ∧, during play, to fast-forward the track/file.

Press and hold ∨ ⏮, during play, to reverse the track/file.

Note:

During this operation, you can only hear intermittent sounds. (The elapsed playing time also changes intermittently on the display.)

To skip to the next or previous tracks/files



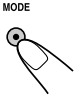
Press ⏭ ∧ briefly during play, to skip ahead to the beginning of the next track/file. Each time you press the button consecutively, the beginning of the next tracks/files is located and played back.

Press ∨ ⏮ briefly during play, to skip back to the beginning of the current track/file.
Each time you press the button consecutively, the beginning of the previous tracks/files is located and played back.

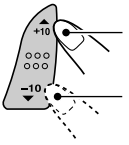
This operation is only possible when using JVC MP3-compatible CD changer (CH-X1500).

To go to a track/file quickly (+10 and –10 buttons)

1 Press MODE to enter the functions mode while playing a disc.



2 Press +10 or –10.



To skip 10 tracks/files* forwards to the last track/file

To skip 10 tracks/files* backwards to the first track/file

* First time you press +10 or –10 button, the track/file skips to the nearest higher or lower track/file with a track/file number of multiple ten (ex. 10th, 20th, 30th).

Then each time you press the button, you can skip 10 tracks/files (see "How to use the +10 and –10 buttons" below).

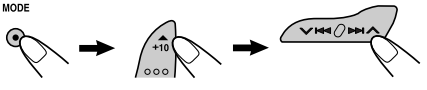
- After the last track/file, the first track/file will be selected, and vice versa.

Note:

If the current playing disc is an MP3 disc, files are skipped within the same folder.

How to use the +10 and –10 buttons

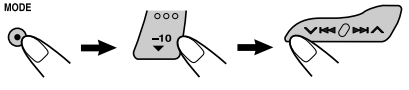
- Ex. 1: To select track/file number 32 while playing track/file number 6



(Three times) (Twice)

Track/file 6 ➡ 10 ➡ 20 ➡ 30 ➡ 31 ➡ 32

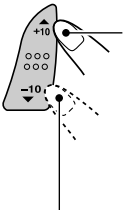
- Ex. 2: To select track/file number 8 while playing track/file number 36



(Three times) (Twice)

Track/file 36 ➡ 30 ➡ 20 ➡ 10 ➡ 9 ➡ 8

To skip to the next or previous folder (only for MP3 discs)



Press ▲ (up) while playing an MP3 disc, to go to the next folder. Each time you press the button consecutively, the next folder is located, and the first file in the folder starts playback.

Press ▼ (down) while playing an MP3 disc, to go to the previous folder.

Each time you press the button consecutively, the previous folder is located, and the first file in the folder starts playback.

To show the disc information for CD Text and MP3 discs

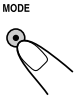
This is possible only when connecting a JVC CD changer equipped with CD Text and/or MP3 disc information reading capability.

Select text display mode while playing a CD Text or an MP3 disc.

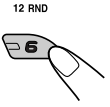
- For details, see page 16 about CD Text disc information and page 19 about MP3 disc information.

Selecting the playback modes

To play back tracks/files at random (Folder Random/Disc Random/Magazine Random Play)



1 Press MODE to enter the functions mode during play.



2 Press RND (random), while "MODE" is still flashing on the display.
Each time you press the button, the random play mode changes as follows:

For MP3 discs:

FLDR RND → DISC RND → MAG RND → Canceled → (FLDR RND)

For CDs:

DISC RND → MAG RND → Canceled → (DISC RND)

RND indicator

Ex.: When you select "MAG RND"

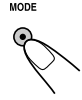
Note:

MP3 indicator also lights up if the current playing disc is an MP3 disc.

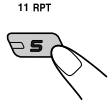
Mode	Active indicator	Plays at random
FLDR RND*	RND and 📂 indicators light up.	All files of the current folder, then files of the next folder and so on.
DISC RND	RND and 💿 indicators light up.	All tracks/files of the current (or specified) disc.
MAG RND	RND indicator lights up.	All tracks/files of the inserted discs.

* *"FLDR RND" is only applicable for MP3 discs.*

To play back tracks/files repeatedly (Track Repeat/Folder Repeat/Disc Repeat Play)



1 Press MODE to enter the functions mode during play.



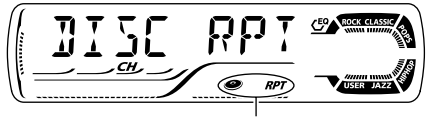
2 Press RPT (repeat), while "MODE" is still flashing on the display.
Each time you press the button, the repeat play mode changes as follows:

For MP3 discs:

TRK RPT → FLDR RPT → DISC RPT → Canceled → (TRK RPT)

For CDs:

TRK RPT → DISC RPT → Canceled → (TRK RPT)



💿 (disc) and RPT indicators

Ex.: When you select "DISC RPT"

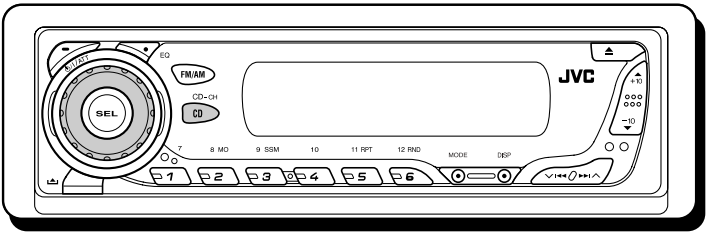
Note:

MP3 indicator also lights up if the current playing disc is an MP3 disc.

Mode	Active indicator	Plays repeatedly
TRK RPT	RPT indicator lights up.	The current (or specified) track/file.
FLDR RPT*	📂 and RPT indicators light up.	All files of the current (or specified) folder of the current disc.
DISC RPT	💿 and RPT indicators light up.	All tracks/files of the current (or specified) disc.

* *"FLDR RPT" is only applicable for MP3 discs.*

EXTERNAL COMPONENT OPERATIONS



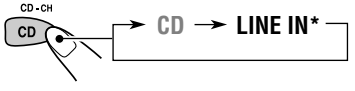
Playing an external component

You can connect the external component to the CD changer jack on the rear using the Line Input Adapter KS-U57 (not supplied).

Preparations:

- *For connecting the Line Input Adapter KS-U57 and the external component, refer to the Installation/ Connection Manual (separate volume).*
- *Before operating the external component using the following procedure, select the external input correctly. See "To select the external component to use—EXT IN" on page 26.*

1 Select the external component (LINE IN).



- If "LINE IN"* does not appear on the display, see page 26 and select the external input ("LINE IN").

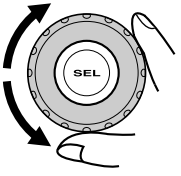
* *Displayed only when one of the following sources is selected—FM, AM, and CD.*

Note on One-Touch Operation:

When you press CD CD-CH, the power automatically comes on. You do not have to press ⏻/I/ATT to turn on the power.

2 Turn on the connected component and start playing the source.

3 Adjust the volume.



4 Adjust the sound as you want. (See pages 22 and 23.)

To use the JVC SIRIUS Radio, refer to the SIRIUS Radio Setup Manual (separate volume).

TROUBLESHOOTING

What appears to be trouble is not always serious. Check the following points before calling a service center.

	Symptoms	Causes	Remedies
General	• Sound cannot be heard from the speakers.	The volume level is set to the minimum level.	Adjust it to the optimum level.
		Connections are incorrect.	Check the cords and connections.
	• This unit does not work at all.	The built-in microcomputer may have functioned incorrectly due to noise, etc.	Press the reset button on the panel holder after detaching the control panel. (The clock setting and preset stations stored in memory are erased.) (See page 2.)
FM/AM	• SSM (Strong-station Sequential Memory) automatic preset does not work.	Signals are too weak.	Store stations manually.
	• Static noise while listening to the radio.	The antenna is not connected firmly.	Connect the antenna firmly.
Disc Playback	• Disc cannot be played back.	Disc is inserted upside down.	Insert the disc correctly.
	• CD-R/CD-RW cannot be played back. • Tracks on the CD-R/CD-RW cannot be skipped.	CD-R/CD-RW is not finalized.	• Insert a finalized CD-R/CD-RW. • Finalize the CD-R/CD-RW with the component which you used for recording.
	• Disc cannot be ejected.	Disc is locked.	Unlock the disc. (See page 16.)
	• Disc sound is sometimes interrupted.	You are driving on rough roads.	Stop playback while driving on rough roads.
		Disc is scratched.	Change the disc.
		Connections are incorrect.	Check the cords and connections.
	• “NO DISC” appears on the display.	No disc in the loading slot.	Insert a disc into the loading slot.
		Disc is inserted incorrectly.	Insert the disc correctly.

	Symptoms	Causes	Remedies
MP3 Playback	• Disc cannot be played back.	No MP3 files are recorded on the disc.	Change the disc.
		MP3 files do not have the extension code <.mp3> in their file names.	Add the extension code <.mp3> to their file names.
		MP3 files are not recorded in the format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet.	Change the disc. (Record MP3 files using a compliant application.)
	• Noise is generated.	The file played back is not an MP3 file (although it has the extension code <.mp3>).	Skip to another file or change the disc. (Do not add the extension code <.mp3> to non-MP3 files.)
	• A longer readout time is required (“CHECK” keeps flashing on the display).	Readout time varies due to the complexity of the folder/file configuration.	Do not use too many hierarchies and folders. Also, do not record any other types of audio tracks together with MP3 files.
	• Files cannot be played back as you have intended them to play.	Playback order is determined when the files are recorded.	———
	• Elapsed playing time is not correct.	This sometimes occurs during play. This is caused by how the files are recorded on the disc.	———
	• indicator flashes on the display.	The current folder does not contain any MP3 file.	Select another folder.
	• “NO FILES” appears on the display.	The current disc does not contain any MP3 file.	Insert a disc that contains MP3 files.

Symptoms	Causes	Remedies
• "NO DISC" appears on the display.	No disc is in the magazine.	Insert discs into the magazine.
	Discs are inserted upside down.	Insert discs correctly.
• "NO MAG" appears on the display.	No magazine is loaded in the CD changer.	Insert the magazine.
• "RESET 8" appears on the display.	This unit is not connected to the CD changer correctly.	Connect this unit and the CD changer correctly and press the reset button of the CD changer.
• "RESET 1" – "RESET 7" appears on the display.	———	Press the reset button of the CD changer.
• The CD changer does not work at all.	The built-in microcomputer may function incorrectly due to noise, etc.	Press the reset button on the panel holder after detaching the control panel. (The clock setting and preset stations stored in memory are erased.) (See page 2.)

CD Changer

About mistracking:

Mistracking may result from driving on extremely rough roads. This does not damage the unit and the disc, but will be annoying.

We recommend that you stop disc play while driving on such rough roads.

MAINTENANCE

Handling discs

This unit has been designed to reproduce CDs, CD-Rs (Recordable), CD-RWs (Rewritable), and CD Texts.

- **This unit is also compatible with MP3 discs.**

How to handle discs

When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

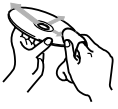
- Always hold the disc by the edges. Do not touch its recording surface.

When storing a disc into its case, gently insert the disc around the center holder (with the printed surface facing up).

- Make sure to store discs into the cases after use.

To keep discs clean

A dirty disc may not be played correctly. If a disc does become dirty, wipe it with a soft cloth in a straight line from center to edge.



To play new discs

New discs may have some rough spots around the inner and outer edges. If such a disc is used, this unit may reject the disc.
To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

Moisture condensation

Moisture may condense on the lens inside the CD player in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the CD player may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture evaporates.

When playing a CD-R or CD-RW

Before playing back CD-Rs or CD-RWs, read their instructions or cautions carefully.

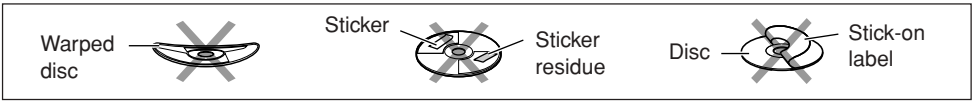
- Use only “finalized” CD-Rs or CD-RWs.
- Some CD-Rs or CD-RWs may not be played back on this unit because of their disc characteristics, and for the following reasons:
  – Discs are dirty or scratched.
  – Moisture condensation on the lens inside the unit.
  – The pickup lens inside the unit is dirty.
- CD-RWs may require a longer readout time since the reflectance of CD-RWs is lower than that of regular CDs.
- CD-Rs or CD-RWs are susceptible to high temperatures or high humidity, so do not leave them inside your car.
- Do not use following CD-Rs or CD-RWs:
  – Discs with stickers, labels, or protective seal stuck to the surface.
  – Discs on which labels can be directly printed by an ink jet printer.

  Using these discs under high temperatures or high humidity may cause malfunctions or damage to discs. For example,
  – Stickers or labels may shrink and warp a disc.
  – Stickers or labels may be peeled off so discs cannot be ejected.
  – Print on discs may get sticky.

  Read instructions or cautions about labels and printable discs carefully.

CAUTIONS:

- *Do not insert 8 cm (3-3/16") discs (single CDs) into the loading slot. (Such discs cannot be ejected.)*
- *Do not insert any disc of unusual shape—like a heart or flower; otherwise, it will cause a malfunction.*
- *Do not expose discs to direct sunlight or any heat source or place them in a place subject to high temperature and humidity. Do not leave them in a car.*
- *Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean discs.*



SPECIFICATIONS

AUDIO AMPLIFIER SECTION

Maximum Power Output:
- Front: 50 W per channel
- Rear: 50 W per channel

Continuous Power Output (RMS):
- Front: 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.
- Rear: 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.

Load Impedance: 4 Ω (4 Ω to 8 Ω allowance)
Tone Control Range
- Bass: ±10 dB at 100 Hz
- Treble: ±10 dB at 10 kHz

Frequency Response: 40 Hz to 20 000 Hz
Signal-to-Noise Ratio: 70 dB
Line-Out Level/Impedance:
- 2.5 V/20 kΩ load (full scale)

Output Impedance: 1 kΩ

TUNER SECTION

Frequency Range
- FM: 87.5 MHz to 107.9 MHz
- AM: 530 kHz to 1 710 kHz

[FM Tuner]
Usable Sensitivity: 11.3 dBf (1.0 μV/75 Ω)
50 dB Quieting Sensitivity:
- 16.3 dBf (1.8 μV/75 Ω)

Alternate Channel Selectivity (400 kHz):
- 65 dB

Frequency Response: 40 Hz to 15 000 Hz
Stereo Separation: 35 dB
Capture Ratio: 1.5 dB

[AM Tuner]
Sensitivity: 20 μV
Selectivity: 35 dB

CD PLAYER SECTION

Type: Compact disc player
Signal Detection System: Non-contact optical pickup (semiconductor laser)
Number of channels: 2 channels (stereo)
Frequency Response: 5 Hz to 20 000 Hz
Dynamic Range: 96 dB
Signal-to-Noise Ratio: 98 dB
Wow and Flutter: Less than measurable limit
MP3 decoding format:
- MPEG1/2 Audio Layer 3
- Max. Bit Rate: 320 Kbps

GENERAL

Power Requirement
- Operating Voltage:
  - DC 14.4 V (11 V to 16 V allowance)

Grounding System: Negative ground
Allowable Operating Temperature:
- 0°C to +40°C (32°F to 104°F)

Dimensions (W × H × D):
- Installation Size (approx.):
  - 182 mm × 52 mm × 150 mm (7-3/16" × 2-1/16" × 5-15/16")
- Panel Size (approx.):
  - 188 mm × 58 mm × 12 mm (7-7/16" × 2-5/16" × 1/2")
- Mass (approx.):
  - 1.4 kg (3.1 lbs) (excluding accessories)

Design and specifications are subject to change without notice.

If a kit is necessary for your car, consult your telephone directory for the nearest car audio speciality shop.

JVC

MOBILE ENTERTAINMENT

http://www.jvcmobile.com

Visit us on-line for

Technical Support & Customer Satisfaction Survey.

US RESIDENTS ONLY

Having TROUBLE with operation?
Please reset your unit

Refer to page of How to Reset

Still having trouble??

USA ONLY

Call 1-800-252-5722

http://www.jvc.com

We can help you!

JVC

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1003KKSMDTJEIN

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JVC

For CD Receiver

LVT0717-001B
EN, SP, FR

ENGLISH

BEFORE ELECTRICAL CONNECTIONS

The first and most important step in installation is to identify the wires inside the car you need to use.
If you are not sure what wires are used for what purposes inside the car, read this sheet carefully.

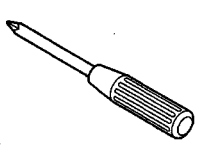
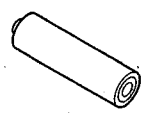
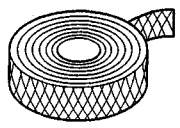
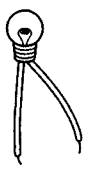
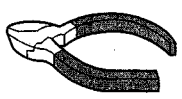
What Leads Are inside the Car?

You need to identify the following leads used in the car (after removing an existing audio receiver or radio, if any, from your car).

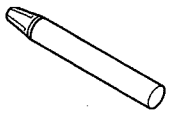
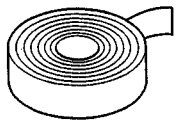
Leads inside the car	Function (and where to connect on the receiver)
① **Battery lead**	Supplies a continuous power to your receiver even when the ignition key is turned off. This lead provides a continuous power to maintaining the clock and internal memory in the receiver. – Connect this lead to the yellow wire of the receiver.
② **Power lead**	Supplies power to your receiver when the ignition key is turned to the accessory position (ACC) or to the on position (ON). – Connect this lead to the red wire of the receiver.
③ **Speaker leads**	Connects to the speakers inside the car. – Connect these leads to the corresponding speaker wires of the receiver.
④ **Automatic antenna lead**	Supplies power to automatic power antenna if any. – If receiver has the blue-with-white-stripe wire, connect this lead to it.
⑤ **Antenna lead**	Connects to the car antenna. – Connect to the antenna input terminal of the receiver.

Required Tools

• Tools you must prepare:

 Screwdriver	 Size AA battery	 Insulating tape
 12V DC test bulb	 Side-cut pliers	

• Tools you had better prepare:

 Permanent maker	 Masking tape	Writing implements

As you identify each lead, you can label it using masking tape and a permanent marker, and can note the colors of the leads used in the car.
This will help avoid confusion when making connections later.

• For identifying method by using the above tools, see the reverse side.

ESPAÑOL

ANTES DE LAS CONEXIONES ELECTRICAS

El primer paso de la instalación y el más importante, es identificar cuáles son los cables del automóvil que se deben utilizar.
Si tiene dudas acerca de los cables que se deben utilizar para cada propósito, lea esta hoja atentamente.

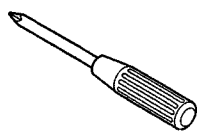
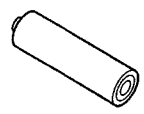
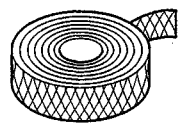
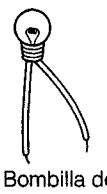
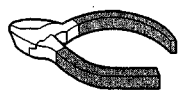
¿Qué conductores hay dentro del automóvil?

Es necesario que sepa identificar los siguientes conductores de su automóvil (tras desmontar el receptor de audio o la radio de su automóvil, si equiparse).

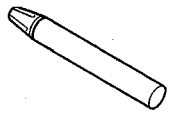
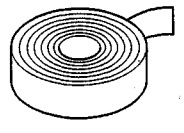
Conductores del interior del automóvil	Función (y punto de conexión en el receptor)
① **Conductor de la batería**	Suministra continuamente energía a su receptor incluso con el encendido desconectado. Este conductor suministra energía de manera continua para alimentar al reloj y a la memoria interna del receptor. – Conecte este conductor con el cable amarillo del receptor.
② **Conductor de alimentación**	Suministra energía a su receptor con la llave de contacto en la posición de accesorios (ACC) o en la posición de conexión (ON). – Conecte este conductor con el cable rojo del receptor.
③ **Conductores de los altavoces**	Efectúan la conexión con los altavoces del automóvil. – Conecte estos conductores con los correspondientes cables de altavoz del receptor.
④ **Conductor de antena automática**	Suministra energía a la antena motriz automática, si hubiere. – Si el receptor tiene cable azul con rayas blancas, conéctele este conductor.
⑤ **Conductor de antena**	Conecta con la antena del automóvil. – Conecte este conductor con el terminal de entrada de antena del receptor.

Herramientas requeridas

• Herramientas que debe preparar:

 Destornillador	 Pila de tamaño AA	 Cinta aislante
 Bombilla de prueba de 12V CC	 Alicates de corte lateral	

• Herramientas recomendadas:

 Rotulador	 Cinta enmascarante	Utiles para escribir

A medida que vaya identificando cada conductor, podrá ponerle una etiqueta utilizando cinta enmascarante y rotulador, y anotar los colores de los conductores empleados en su automóvil.
Esto le ayudará a evitar confusiones a la hora de realizar las conexiones.

• Con respecto al método de identificación utilizando las herramientas de arriba, véase al dorso.

FRANÇAIS

AVANT LES CONNEXIONS ÉLECTRIQUES

La première et plus importante étape de l'installation est l'identification des fils de la voiture que vous devez utiliser.
Si vous ne savez pas quelle est l'utilisation de chaque fil, lisez cette feuille attentivement.

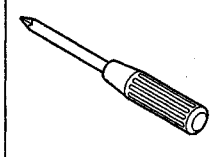
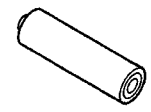
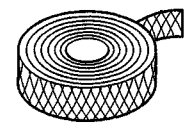
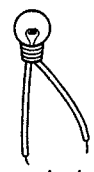
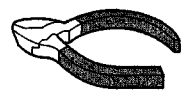
Quels sont les fils de votre voiture?

Vous devez identifier les fils suivants dans votre voiture (après avoir en avoir retiré l'actuel et éventuel autoradio).

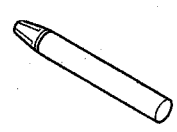
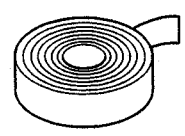
Fils à l'intérieur de la voiture	Fonction (et où connecter ces fils sur l'autoradio)
① **Fil de batterie**	*Alimente en courant continu votre autoradio même quand le contact est coupé. Ce fil offre une alimentation continue qui permet de protéger l'horloge et la mémoire interne de l'autoradio. – Connectez ce fil au fil jaune de l'autoradio.*
② **Fil d'alimentation**	*Alimente votre autoradio quand la clé de contact est mise sur la position accessoire (ACC) ou sur la position marche (ON). – Connectez ce fil au fil rouge de l'autoradio.*
③ **Fils d'enceintes**	*Connectent les enceintes intérieures de la voiture. – Connectez ces fils aux fils correspondants sur l'autoradio.*
④ **Fil d'antenne automatique**	*Alimente l'antenne automatique s'il y en a une. – Si l'autoradio possède un fil bleu à bandes blanches, connectez-y ce fil.*
⑤ **Fil d'antenne**	*Connecte l'antenne de la voiture. – Connectez ce fil à la prise d'entrée d'antenne de l'autoradio.*

Outils nécessaires

• *Outils à préparer:*

 *Tournevis*	 *Pile de taille AA*	 *Ruban isolant*
 *Ampoule de test 12V CC*	 *Pinces coupantes sur côté*	

• *Outils dont vous pouvez avoir besoin*

 *Marqueur indélébile*	 *Cache ruban*	*De quoi écrire*

Au fur et à mesure que vous identifiez chaque fil, vous pouvez les étiqueter en utilisant le cache ruban et un marqueur indélébile et noter les couleurs des fils utilisés dans la voiture.
Cela vous aidera à ne pas vous tromper lorsque vous ferez les connexions plus tard.

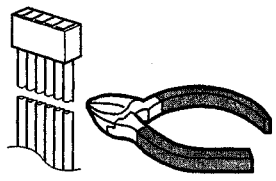
• *Pour la méthode d'identification en utilisant les outils ci-dessus, reportez-vous au verso de cette feuille.*

ENGLISH

How to Identify the Leads inside the Car

Before start, make sure ....

- **Check the speaker wiring inside the car first.**
  If speaker wiring is not appropriate (see "PRECAUTION on power supply and speaker connection" on the Installation/ Connection Manual), first redo the speaker wiring inside the car.
- Pay much attention to avoid short-circuits. Insulate all exposed leads until you use them. Do not allow any exposed wire not in use to touch the metallic part or chassis of the car, and other exposed wires.
- If necessary, cut off the connector plug from leads coming from the car's battery (leaving the leads as long as possible) so that you can work with individual wires.



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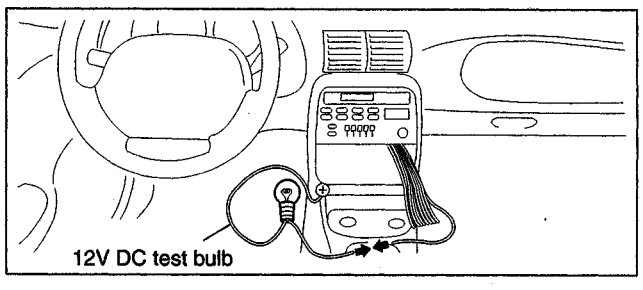
① Battery lead

■If your car is pre-wired for the audio system:

1 Turn the ignition key to the off position (OFF).
2 Connect one lead of the test bulb to the metallic part or chassis of the car.
3 Touch the other lead of the test bulb to each wire inside the car.
  • Touch one wire at a time until you find a wire causing the test bulb to light. This wire is the battery lead.



■If your car is NOT pre-wired for the audio system:
Find the fuse port preparing for a continuous power supply from the battery (usually marked BAT).

② Power lead

■If your car is pre-wired for the audio system:

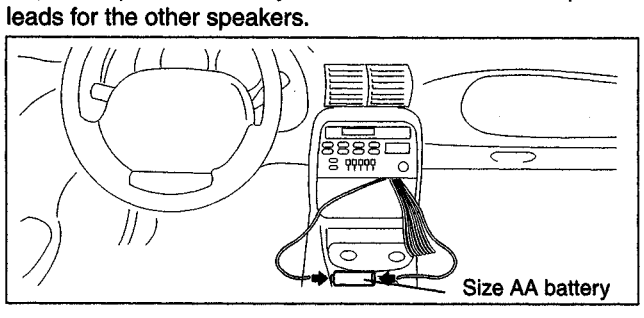
1 Turn the ignition key to the accessory position (ACC).
2 Connect one lead of the test bulb to the metallic part or chassis of the car.
3 Touch the other lead of the test bulb to each wire inside the car.
  • Touch one wire at a time until you find a wire causing the test bulb to light.
4 If you find one, turn the ignition key off then on.
  If the test bulb also turns off and on, it is the power lead.
  If it does not turn off though you turn off the ignition key, it is the battery lead (see above).

■If your car is NOT pre-wired for the audio system:
Find the fuse port preparing for a radio (RADIO) or an accessory (ACC) in the fuse block.

③ Speaker leads

Find two wires for each speaker by using a size AA battery as follows.

1 Turn the ignition key to the off position (OFF).
2 Touch one wire inside the car to one pole (⊕ or ⊖) of the battery.
3 Touch another wire to the other of the battery.
  If you hear a scraping noise from a speaker, you find a correct combination of the speaker leads for the speaker.
4 Repeat steps 1 and 2 until you find all combinations of speaker leads for the other speakers.



④ Automatic antenna lead

If your car is equipped with an automatic power antenna, find the automatic antenna lead.

1 Turn the ignition key to the accessory position (ACC).
2 Connect one lead of the test bulb to the battery lead (①) you have found.
3 Touch the other lead of the test bulb to each wire inside the car.
  • Touch one wire at a time until you find a wire causing the automatic power antenna to extend. This wire is the automatic antenna lead.

⑤ Antenna lead

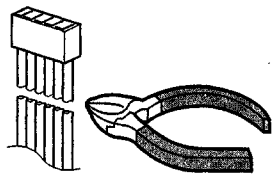
This is a thick, black wire with a metal plug. Easily identified by its appearance. (See " A Typical Connections" on the Installation/ Connection Manual.)

ESPAÑOL

Cómo identificar los conductores empleados en el automóvil

Antes de comenzar, asegúrese de ....

- **Comprobar primero el cableado de los altavoces del automóvil.**
  Si el cableado de los altavoces no es apropiado (consulte "PRECAUCIONES sobre la fuente de alimentación y la conexión de los altavoces" en el manual de instalación/ conexión), primero deberá rehacer el cableado de los altavoces del interior del automóvil.
- Prestar suma atención para evitar cortocircuitos. Asegurarse de aislar todos los conductores al descubierto hasta el momento de utilizarlos. Ningún cable al descubierto sin utilizar deberá estar en contacto con alguna parte metálica o el chasis del automóvil o con otros cables al descubierto.
- Si es necesario, cortar la clavija de conexión y separarla de los conductores procedentes de la batería del automóvil (dejando los conductores lo más largo posible) de manera que pueda trabajar individualmente con cada cable.



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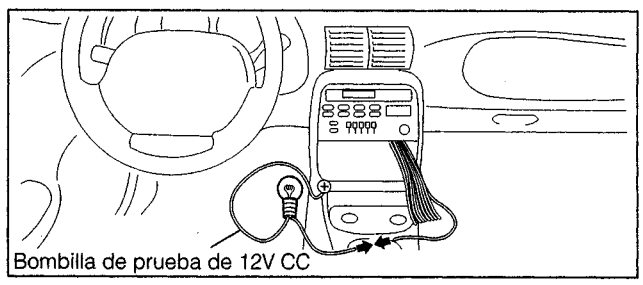
① Conductor de la batería

■Si su automóvil está precableado para el sistema de audio:

1 Gire la llave de contacto a la posición de desconexión (OFF).
2 Conecte un conductor de la bombilla de prueba con la parte metálica o el chasis del automóvil.
3 Con el otro conductor de la bombilla de prueba toque uno por uno los cables del interior del automóvil.
  • Toque los cables de a uno hasta encontrar el que haga iluminar la bombilla de prueba. Este cable es el conductor de la batería.



■Si su automóvil NO está precableado para el sistema de audio:
Localice el puerto de fusible y prepárelo para suministrar continuamente energía desde la batería (normalmente marcado BAT).

② Conductor de alimentación

■Si su automóvil está precableado para el sistema de audio:

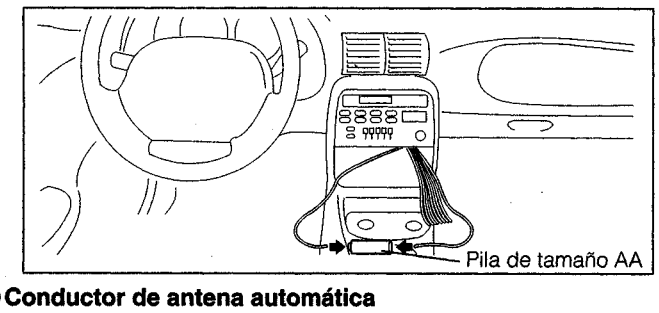
1 Gire la llave de contacto a la posición de accesorios (ACC).
2 Conecte un conductor de la bombilla de prueba con la parte metálica o el chasis del automóvil.
3 Con el otro conductor de la bombilla de prueba toque uno por uno los cables del interior del automóvil.
  • Toque los cables de a uno hasta encontrar el que haga iluminar la bombilla de prueba.
4 Si lo encuentra, desconecte y vuelva a conectar la llave de contacto.
  Si la bombilla de prueba también se apaga y se enciende, significa que es el conductor de alimentación.
  Si la bombilla no se apaga al desconectar la llave de contacto, significa que se trata del conductor de la batería (véase arriba).

■Si su automóvil NO está precableado para el sistema de audio:
Localice el puerto de fusible y prepárelo para la radio (RADIO) o un accesorio (ACC) en el bloque de fusibles.

③ Conductores de los altavoces

Utilizando una pila de tamaño AA, localice dos cables para cada altavoz, de la siguiente manera.

1 Gire la llave de contacto a la posición de desconexión (OFF).
2 Toque un polo (⊕ o ⊖) de la pila con uno de los cables del interior del automóvil.
3 Toque el otro polo de la pila con otro cable.
  Si el altavoz produce rechinamiento, significa que ha encontrado la combinación correcta de conductores para el altavoz.
4 Repita los pasos 1 y 2 hasta encontrar todas las combinaciones de conductores para los demás altavoces.



④ Conductor de antena automática

Si su automóvil se encuentra equipado con una antena motriz automática, localice el conductor de la antena automática.

1 Gire la llave de contacto a la posición de accesorios (ACC).
2 Conecte un conductor de la bombilla de prueba con el conductor de batería (①) localizada previamente.
3 Toque cada uno de los cables del interior del automóvil con el otro conductor de la bombilla de prueba.
  • Toque los cables de a uno hasta encontrar el que haga extender la antena motriz automática. Este cable es el conductor de antena automática.

⑤ Conductor de antena

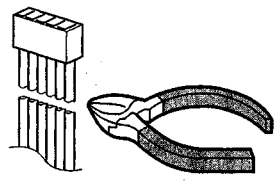
Este es un cable grueso y negro con clavija de metal. Se identifica fácilmente por su apariencia. (Consulte " A Conexiones típicas" en el manual de instalación/conexión.)

FRANÇAIS

Comment identifier les fils de votre voiture

Avant de commencer, veuillez vous assurer des choses suivantes ....

- **Vérifiez d'abord le câblage des enceintes de la voiture.**
  Si le câblage des enceintes n'est pas correct (voir "PRÉCAUTIONS sur l'alimentation et la connexion des enceintes" dans le manuel d'installation/connexion), refaites d'abord le câblage des enceintes de la voiture.
- *Faites attention d'éviter les courts-circuits. Isolez tous les fils à nu jusqu'à ce que vous les utilisiez. Ne laissez aucun fil à nu inutilisé toucher la partie métallique ou le châssis de la voiture ni les autres fils à nu.*
- *Si nécessaire, coupez la fiche de connexion des fils provenant de la batterie de la voiture (laissez les fils aussi longs que possible) de façon à pouvoir travailler sur un fil particulier.*



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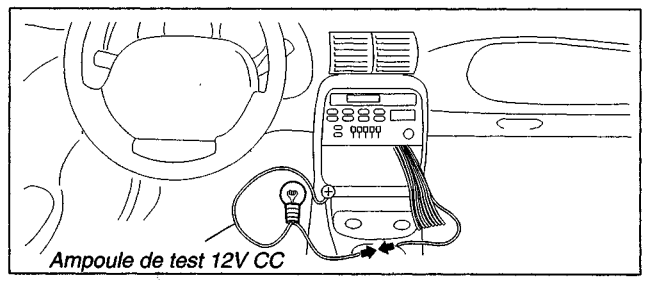
① Fil de batterie

■*Si votre voiture possède déjà un câblage pour système audio:*

1 *Mettez la clé de contact sur la position d'arrêt (OFF).*
2 *Connectez un fil de l'ampoule de test à une partie métallique ou au châssis de la voiture.*
3 *Avec l'autre fil de l'ampoule de test, touchez chaque fil de la voiture.*
  • *Touchez un fil à la fois jusqu'à ce que vous ayez trouvé celui qui allume l'ampoule de test. Ce fil est le fil de batterie.*



■*Si votre voiture ne possède pas de câblage pour système audio:*
Trouvez la prise fusible prévue pour une alimentation continue à partir de la batterie (marquée habituellement BAT).

② Fil d'alimentation

■*Si votre voiture possède déjà un câblage pour système audio:*

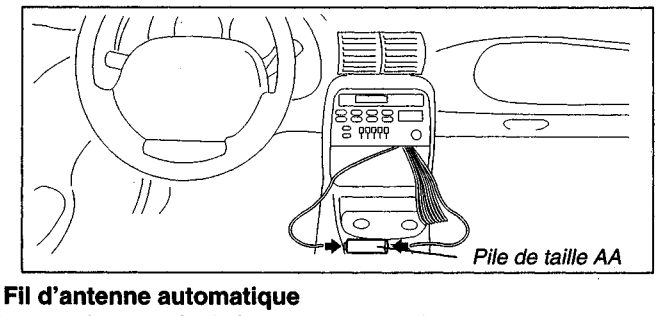
1 *Mettez la clé de contact sur la position accessoire (ACC).*
2 *Connectez un fil de l'ampoule de test à une partie métallique ou au châssis de la voiture.*
3 *Avec l'autre fil de l'ampoule de test, touchez chaque fil de la voiture.*
  • *Touchez un fil à la fois jusqu'à ce que vous ayez trouvé celui qui allume l'ampoule de test. Ce fil est le fil de batterie.*
4 *Une fois que vous avez trouvé un fil, tournez la clé de contact sur la position d'arrêt (OFF) puis de nouveau en position accessoire.*
  Si l'ampoule de test s'éteint et s'allume aussi, c'est le fil d'alimentation.
  Si elle ne s'éteint pas quand vous mettez la clé de contact en position d'arrêt, c'est le fil de batterie (voir ci-dessus).

■*Si votre voiture ne possède pas de câblage pour système audio:*
Trouvez la prise fusible prévue pour la radio (RADIO) ou pour les accessoires (ACC) (marquée habituellement BAT) dans la boîte à fusibles.

③ Fils d'enceintes

Trouvez deux fils d'enceinte pour chaque enceinte en utilisant la pile AA de la façon suivante.

1 *Mettez la clé de contact en position d'arrêt (OFF).*
2 *Touchez une des bornes de la pile (⊕ ou ⊖) avec un des deux fils.*
3 *Touchez l'autre borne de la pile avec le deuxième fil.*
  Vous entendrez des grésillements dans une enceinte et cela vous permettra de trouver les combinaisons correctes des fils d'enceinte.
4 *Répétez les étapes 1 et 2 jusqu'à ce que vous ayez trouvé toutes les combinaisons de fils de toutes les enceintes.*



④ Fil d'antenne automatique

Si votre voiture est équipée d'une antenne électrique automatique, trouvez le fil correspondant.

1 *Mettez la clé de contact sur la position accessoire (ACC).*
2 *Connectez un des fils de l'ampoule de test au fil de batterie (①) que vous avez trouvé.*
3 *Avec l'autre fil de l'ampoule de test, touchez chaque fil de la voiture.*
  • *Touchez un fil à la fois jusqu'à ce que vous ayez trouvé celui qui provoque le déploiement de l'antenne. C'est le fil d'antenne automatique.*

⑤ Fil d'antenne

C'est un câble noir épais avec une fiche métallique. Elle peut être identifiée facilement par sa forme. (Reportez-vous à " A Connexions typiques" dans le manuel d'installation/connexion.)

KD-AR400/KD-G400

Installation/Connection Manual
Manual de instalación/conexión
Manuel d'installation/raccordement

GET0189-002A
[J]

1003KKSMDTJEIN
EN, SP, FR

ENGLISH

This unit is designed to operate on **12 V DC, NEGATIVE ground electrical systems**. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC car audio dealers.

ESPAÑOL

Esta unidad está diseñada para funcionar con **12 V de CC, con sistemas eléctricos de masa NEGATIVA**. Si su vehículo no posee este sistema, será necesario un inversor de tensión, que puede ser adquirido en los concesionarios de JVC de equipos de audio para automóviles.

FRANÇAIS

Cet appareil est conçu pour fonctionner sur des sources de courant continu de **12 V à masse NEGATIVE**. *Si votre véhicule n'offre pas ce type d'alimentation, il vous faut un convertisseur de tension, que vous pouvez acheter chez un revendeur d'autoradios JVC.*

Parts list for installation and connection

The following parts are provided with this unit.
After checking them, please set them correctly.

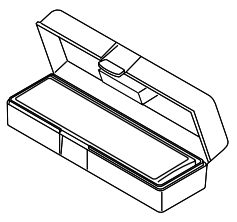
Lista de piezas para instalación y conexión

Con esta unidad se suministran las siguientes piezas.
Después de inspeccionarlas, colóquelas correctamente.

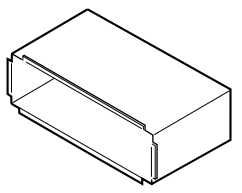
Liste des pièces pour l'installation et raccordement

Les pièces suivantes sont fournies avec cet appareil.
Après vérification, veuillez les placer correctement.

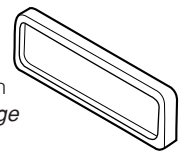
Ⓐ / Ⓑ
Hard case/Control panel
Estuche duro/Panel de control
Etui de transport/Panneau de commande



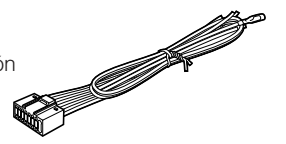
Ⓒ
Sleeve
Cubierta
Manchon



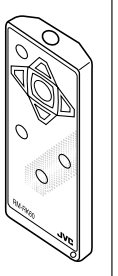
Ⓓ
Trim plate
Placa de guarnición
Plaque d'assemblage



Ⓔ
Power cord
Cordón de alimentación
Cordon d'alimentation



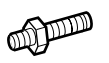
Ⓕ
Remote controller
Mando a distancia
Télécommade



Ⓖ
Washer (ø5)
Arandela (ø5)
Rondelle (ø5)

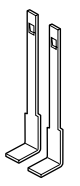
Ⓗ
Lock nut (M5)
Tuerca de seguridad (M5)
Ecrou d'arrêt (M5)

Ⓘ
Mounting bolt—M5 x 20 mm (M5 x 13/16")
Perno de montaje—M5 x 20 mm (M5 x 13/16 pulgada)
Boulon de montage—M5 x 20 mm (M5 x 13/16 pouces)



Ⓙ
Rubber cushion
Cojín de goma
Amortisseur en caoutchouc

Ⓚ
Handles
Manijas
Poignées



Ⓛ
Battery
Pila
Pile

CR2025

INSTALLATION (IN-DASH MOUNTING)

The following illustration shows a typical installation. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.

- If you are not sure how to install this unit correctly, have it installed by a qualified technician.

INSTALACION (MONTAJE EN EL TABLERO DE INSTRUMENTOS)

La siguiente ilustración muestra una instalación típica. Si tiene alguna pregunta o necesita información acerca de las herramientas para instalación, consulte con su concesionario de JVC de equipos de audio para automóviles o a una compañía que suministra tales herramientas.

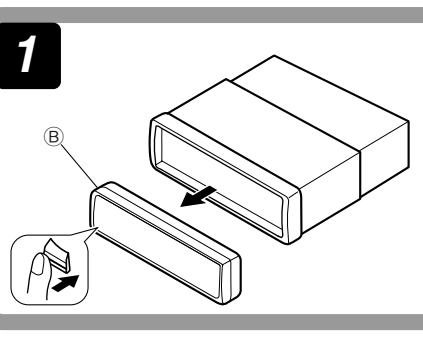
- Si usted no está seguro de cómo instalar correctamente la unidad, hágala instalar por un técnico cualificado.

INSTALLATION (MONTAGE DANS LE TABLEAU DE BORD)

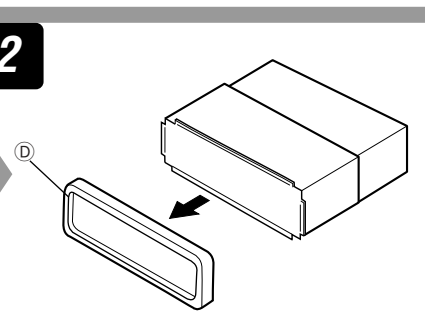
L'illustration suivante est un exemple d'installation typique. Si vous avez des questions ou avez besoin d'information sur des kits d'installation, consulter votre revendeur d'autoradios JVC ou une compagnie d'approvisionnement.

- *Si l'on n'est pas sûr de pouvoir installer correctement cet appareil, le faire installer par un technicien qualifié.*

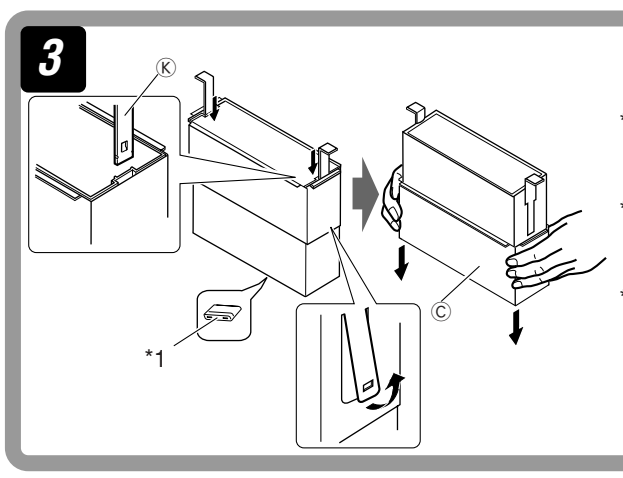
1



2



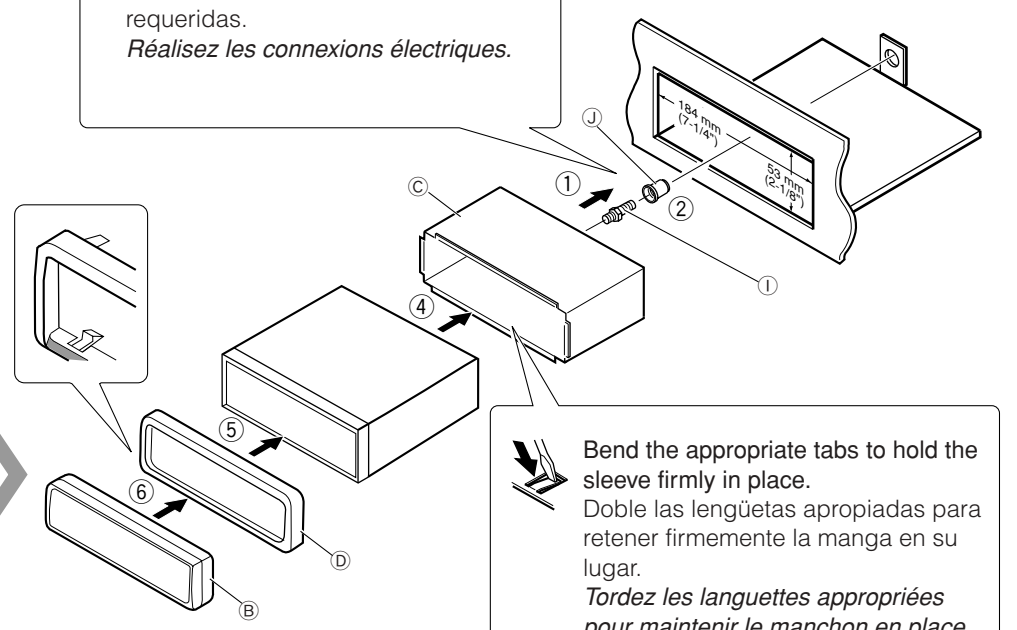
3



*1 When you stand the unit, be careful not to damage the fuse on the rear.
*1 Al poner la unidad vertical, tenga cuidado de no dañar el fusible provisto en la parte posterior.
*1 *Lorsque vous mettez l'appareil à la verticale, faire attention de ne pas endommager le fusible situé sur l'arrière.*

4

③
Do the required electrical connections.
Realice las conexiones eléctricas requeridas.
Réalisez les connexions électriques.



Bend the appropriate tabs to hold the sleeve firmly in place.
Doble las lengüetas apropiadas para retener firmemente la manga en su lugar.
Tordez les languettes appropriées pour maintenir le manchon en place.

Removing the unit

Before removing the unit, release the rear section.

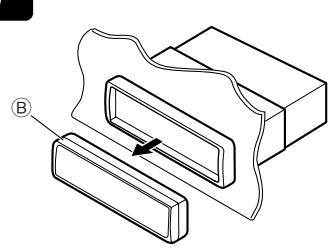
Extracción de la unidad

Antes de extraer la unidad, libere la sección trasera.

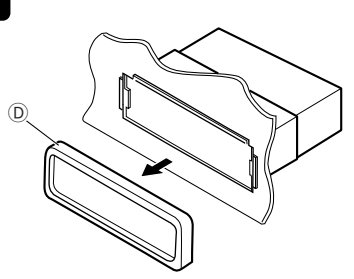
Retrait de l'appareil

Avant de retirer l'appareil, libérer la section arrière.

1

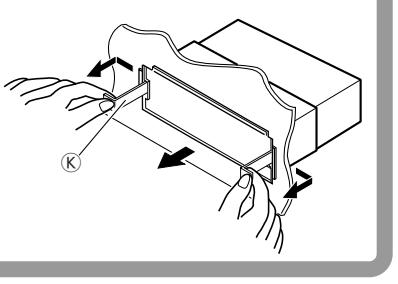


2

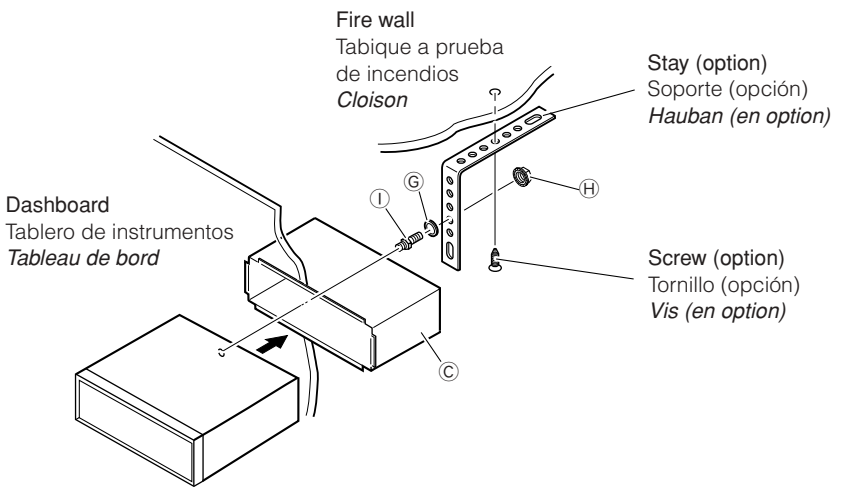


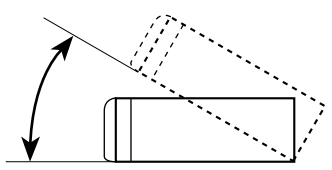
3

Insert the two handles, then pull them as illustrated so that the unit can be removed.
Inserte las dos manijas y, a continuación, extráigalas de la manera indicada en la ilustración para poder desmontar la unidad.
Insérez les deux poignées, puis tirez de la façon illustrée de façon à retirer l'appareil.



When using the optional stay / Cuando emplea un soporte opcional / Lors de l'utilisation du hauban en option

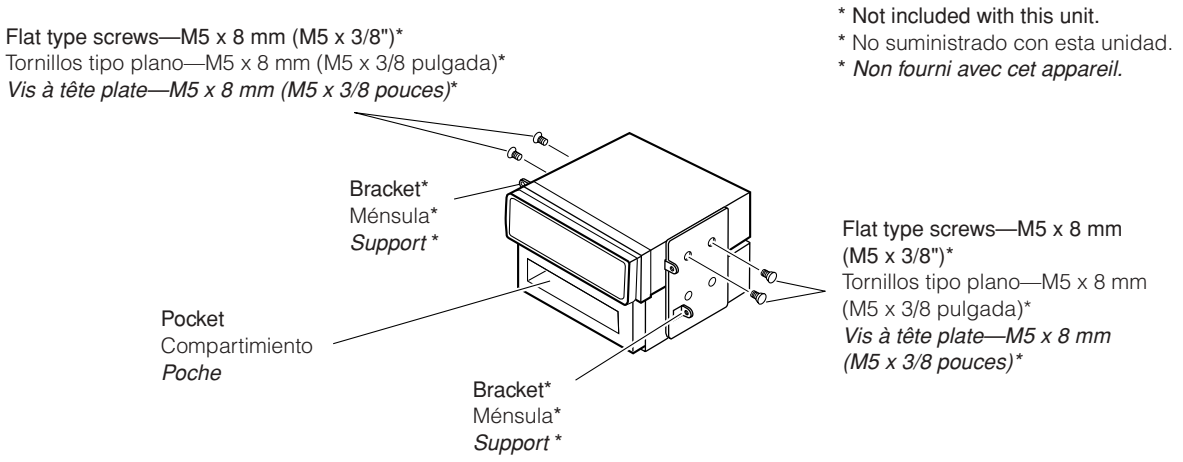




Install the unit at an angle of less than 30˚.
Instale la unidad a un ángulo de menos de 30˚
Installez l'appareil avec un angle de moins de 30˚.

When installing the unit without using the sleeve / Instalación de la unidad sin utilizar la cubierta / Lors de l'installation de l'appareil scans utiliser de manchon

In a Toyota for example, first remove the car radio and install the unit in its place.
En un Toyota por ejemplo, primero retire la radio del automóvil y luego instale la unidad en su lugar.
Par exemple dans une Toyota, retirer d'abord l'autoradio et installer l'appareil à la place.


Flat type screws—M5 x 8 mm (M5 x 3/8")*
Tornillos tipo plano—M5 x 8 mm (M5 x 3/8 pulgada)*
Vis à tête plate—M5 x 8 mm (M5 x 3/8 pouces)*
Bracket*
Ménsula*
Support *
Pocket
Compartimiento
Poche
Bracket*
Ménsula*
Support *
Flat type screws—M5 x 8 mm (M5 x 3/8")*
Tornillos tipo plano—M5 x 8 mm (M5 x 3/8 pulgada)*
Vis à tête plate—M5 x 8 mm (M5 x 3/8 pouces)*

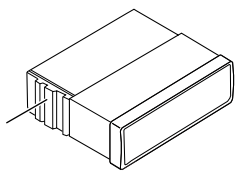
* Not included with this unit.
* No suministrado con esta unidad.
* *Non fourni avec cet appareil.*

Note : When installing the unit on the mounting bracket, make sure to use the 8 mm (3/8") -long screws. If longer screws are used, they could damage the unit.
Nota : Cuando instala la unidad en la ménsula de montaje, asegúrese de utilizar los tornillos de 8 mm (3/8 pulgada) de longitud. Si se utilizan tornillos más largos, éstos pueden dañar la unidad.
Remarque : *Lors de l'installation de l'appareil sur le support de montage, s'assurer d'utiliser des vis d'une longueur de 8 mm (3/8 pouces). Si des vis plus longues sont utilisées, elles peuvent endommager l'appareil.*

ELECTRICAL CONNECTIONS

To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit.
- **Be sure to ground this unit to the car's chassis again after installation.**

Notes:
- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
- It is recommended to connect to the speakers with maximum power of more than 50 W (both at the rear and at the front, with an impedance of **4 Ω to 8 Ω**). If the maximum power is less than 50 W, change "AMP GAIN" setting to prevent the speakers from being damaged (see page 26 of the INSTRUCTIONS).
- To prevent short-circuit, cover the terminals of the UNUSED leads with insulating tape.
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.



CONEXIONES ELECTRICAS

Para evitar cortocircuitos, recomendamos que desconecte el terminal negativo de la batería y que efectúe todas las conexiones eléctricas antes de instalar la unidad.
- **Asegúrese de volver a conectar a masa esta unidad al chasis del automóvil después de la instalación.**

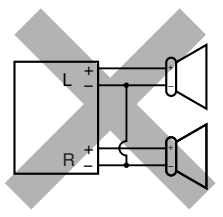
Notas:
- Reemplace el fusible por uno con la corriente especificada. Si el fusible se quemase frecuentemente consulte con su concesionario de JVC de equipos de audio para automóviles.
- Se recomienda conectar los altavoces con una potencia máxima de más de 50 W (tanto atrás como adelante, con una impedancia de **4 Ω a 8 Ω**). Si la potencia máxima es de menos de 50 W, cambie "AMP GAIN" para evitar daños en los altavoces (consulte la página 26 del MANUAL DE INSTRUCCIONES).
- Para evitar cortocircuitos, cubra los cables NO UTILIZADOS con cinta aislante.
- El sumidero térmico estará muy caliente después del uso. Asegúrese de no tocarlo al desmontar esta unidad.

RACCORDEMENTS ELECTRIQUES

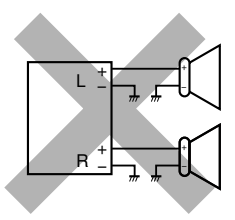
Pour éviter tout court-circuit, nous vous recommandons de débrancher la borne négative de la batterie et d'effectuer tous les raccordements électriques avant d'installer l'appareil.
- **Assurez-vous de raccorder de nouveau la mise à la masse de cet appareil au châssis de la voiture après l'installation.**

Remarques:
- *Remplacer le fusible par un de la valeur précisée. Si le fusible saute souvent, consulter votre revendeur d'autoradios JVC.*
- *Il est recommandé de connecter des enceintes avec une puissance de plus de 50 W (les enceintes arrière et les enceintes avant, avec une impédance comprise entre* **4 Ω et 8 Ω***). Si la puissance maximum est inférieure à 50 W, changez "AMP GAIN" pour éviter d'endommager vos enceintes (voir page 26 du MANUEL D'INSTRUCTIONS).*
- *Pour éviter les court-circuits, couvrir les bornes des fils qui ne sont PAS UTILISÉS avec de la bande isolante.*
- *Le dissipateur de chaleur devient très chaud après usage. Faire attention de ne pas le toucher en retirant cet appareil.*

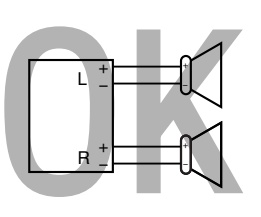
PRECAUTIONS on power supply and speaker connections:
- **DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.**
- BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.



PRECAUCIONES sobre las conexiones de la fuente de alimentación y de los altavoces:
- **NO conecte los conductores de altavoz del cable de alimentación a la batería de automóvil, pues podrían producirse graves daños en la unidad.**
- ANTES de conectar a los altavoces los conductores de altavoz del cable de alimentación, verifique el conexionado de altavoz de su automóvil.



PRECAUTIONS sur l'alimentation et la connexion des enceintes:
- **NE CONNECTEZ PAS les fils d'enceintes du cordon d'alimentation à la batterie; sinon, l'appareil serait sérieusement endommagé.**
- *AVANT de connecter les fils d'enceintes du cordon d'alimentation aux enceintes, vérifiez le câblage des enceintes de votre voiture.*



TROUBLESHOOTING

- **The fuse blows.**
* Are the red and black leads connected correctly?
- **Power cannot be turned on.**
* Is the yellow lead connected?
- **No sound from the speakers.**
* Is the speaker output lead short-circuited?
- **Sound is distorted.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?
- **Noise interfere with sounds.**
* Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
- **Unit becomes hot.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?

LOCALIZACION DE AVERIAS

- **El fusible se quema.**
* ¿Están los conductores rojo y negro correctamente conectados?
- **No es posible conectar la alimentación.**
* ¿Está el cable amarillo conectado?
- **No sale sonido de los altavoces.**
* ¿Está el cable de salida del altavoz cortocircuitado?
- **El sonido presenta distorsión.**
* ¿Está el cable de salida del altavoz conectado a masa?
* ¿Están los terminales "–" de los altavoces L y R conectados a una masa común?
- **Perturbación de ruido.**
* ¿El terminal de tierra trasero está conectado al chasis del automóvil utilizando los cordones más corto y más grueso?
- **La unidad se calienta.**
* ¿Está el cable de salida del altavoz conectado a masa?
* ¿Están los terminales "–" de los altavoces L y R conectados a una masa común?

EN CAS DE DIFFICULTES

- **Le fusible saute.**
* *Les fils rouge et noir sont-ils racordés correctement?*
- **L'appareil ne peut pas être mise sous tension.**
* *Le fil jaune est-elle raccordée?*
- **Pas de son des enceintes.**
* *Le fil de sortie d'enceinte est-il court-circuité?*
- **Le son est déformé.**
* *Le fil de sortie d'enceinte est-il à la masse?*
* *Les bornes "–" des enceintes gauche et droit sont-elles mises ensemble à la masse?*
- **Interférence avec les sons.**
* *La prise arrière de mise à la terre est-elle connectée au châssis de la voiture avec un cordon court et épais?*
- **L'appareil devient chaud.**
* *Le fil de sortie d'enceinte est-il à la masse?*
* *Les bornes "–" des enceintes gauche et droit sont-elles mises ensemble à la masse?*

ENGLISH | ESPAÑOL | FRANÇAIS

A Typical Connections / Conexiones tipicas / Raccordements typiques

Before connecting: Check the wiring in the vehicle carefully. Incorrect connection may cause serious damage to this unit. The leads of the power cord and those of the connector from the car body may be different in color.

1 Connect the colored leads of the power cord in the order specified in the illustration below.

2 Connect the antenna cord.

3 Finally connect the wiring harness to the unit.

Antes de la conexión: Verifique atentamente el conexionado del vehículo. Una conexión incorrecta podría producir daños graves en la unidad.
Los cordones del cable de alimentación y los del conector procedentes de la carrocería del automóvil podrían ser de diferentes en color.

1 Conecte los conductores de color del cable de alimentación en el orden especificado en la ilustración de abajo.

2 Conecte el cable de antena.

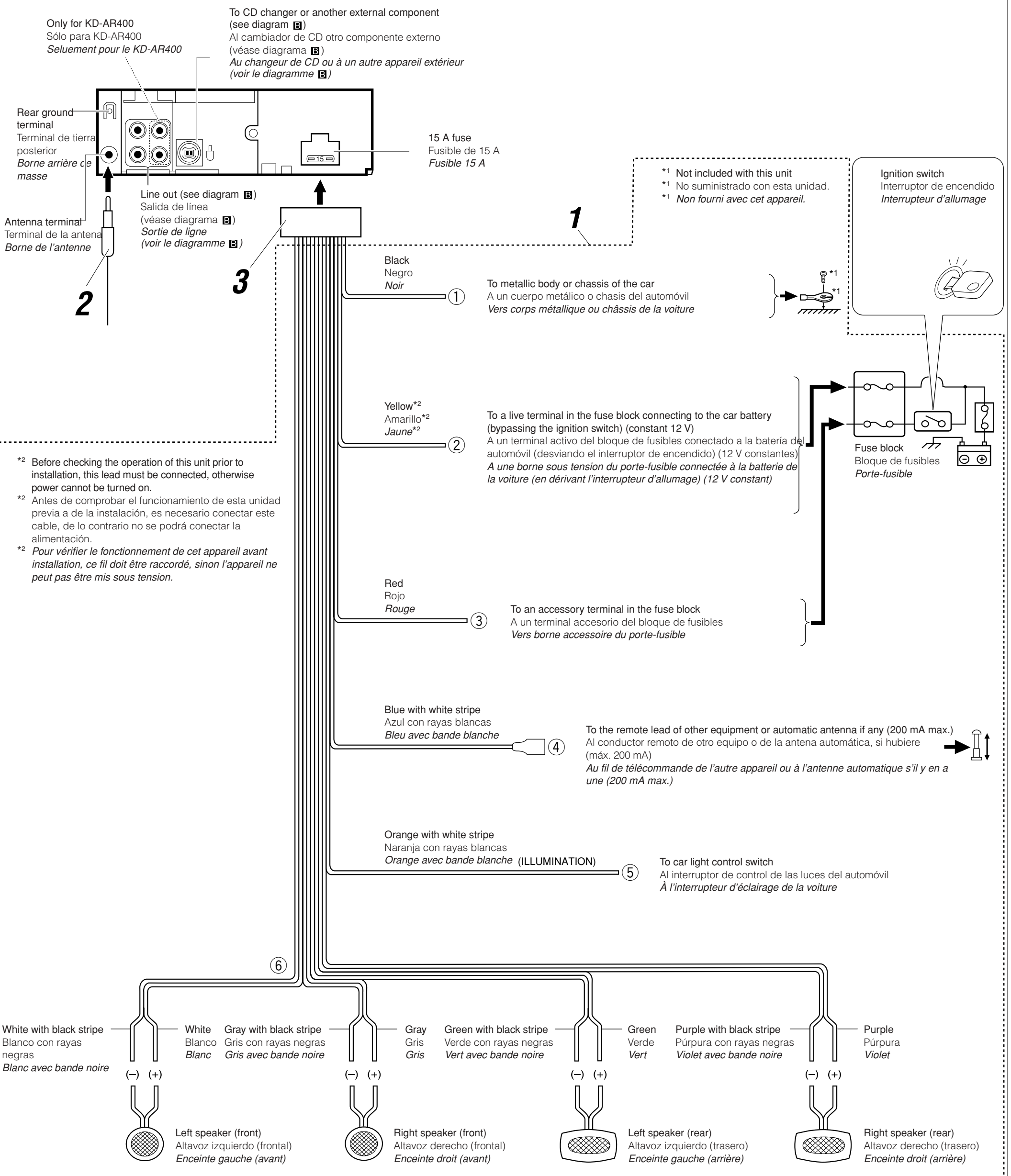
3 Por último, conecte el cable de alimentación a la unidad.

Avant de commencer la connexion: *Vérifiez attentivement le câblage du véhicule. Une connexion incorrecte peut endommager sérieusement l'appareil.*
Le fil du cordon d'alimentation et ceux des connecteurs du châssis de la voiture peuvent être différents en couleur.

1 *Connectez les fils colorés du cordon d'alimentation dans l'ordre spécifié sur l'illustration ci-dessous.*

2 *Connectez le cordon d'antenne.*

3 *Finalement, connectez le faisceau de fils à l'appareil.*


Only for KD-AR400
Sólo para KD-AR400
Seluement pour le KD-AR400
To CD changer or another external component (see diagram B)
Al cambiador de CD otro componente externo (véase diagrama B)
Au changeur de CD ou à un autre appareil extérieur (voir le diagramme B)
Rear ground terminal
Terminal de tierra posterior
Borne arrière de masse
15 A fuse
Fusible de 15 A
Fusible 15 A
Line out (see diagram B)
Salida de línea (véase diagrama B)
Sortie de ligne (voir le diagramme B)
Antenna terminal
Terminal de la antena
Borne de l'antenne
1
2
3
Black
Negro
Noir
To metallic body or chassis of the car
A un cuerpo metálico o chasis del automóvil
Vers corps métallique ou châssis de la voiture
*1
Not included with this unit
No suministrado con esta unidad.
Non fourni avec cet appareil.
Ignition switch
Interruptor de encendido
Interrupteur d'allumage
Yellow*2
Amarillo*2
Jaune*2
To a live terminal in the fuse block connecting to the car battery (bypassing the ignition switch) (constant 12 V)
A un terminal activo del bloque de fusibles conectado a la batería del automóvil (desviando el interruptor de encendido) (12 V constantes)
A une borne sous tension du porte-fusible connectée à la batterie de la voiture (en dérivant l'interrupteur d'allumage) (12 V constant)
Fuse block
Bloque de fusibles
Porte-fusible
*2 Before checking the operation of this unit prior to installation, this lead must be connected, otherwise power cannot be turned on.
*2 Antes de comprobar el funcionamiento de esta unidad previa a de la instalación, es necesario conectar este cable, de lo contrario no se podrá conectar la alimentación.
*2 Pour vérifier le fonctionnement de cet appareil avant installation, ce fil doit être raccordé, sinon l'appareil ne peut pas être mis sous tension.
Red
Rojo
Rouge
To an accessory terminal in the fuse block
A un terminal accesorio del bloque de fusibles
Vers borne accessoire du porte-fusible
Blue with white stripe
Azul con rayas blancas
Bleu avec bande blanche
To the remote lead of other equipment or automatic antenna if any (200 mA max.)
Al conductor remoto de otro equipo o de la antena automática, si hubiere (máx. 200 mA)
Au fil de télécommande de l'autre appareil ou à l'antenne automatique s'il y en a une (200 mA max.)
Orange with white stripe
Naranja con rayas blancas
Orange avec bande blanche (ILLUMINATION)
To car light control switch
Al interruptor de control de las luces del automóvil
À l'interrupteur d'éclairage de la voiture
6
White with black stripe
Blanco con rayas negras
Blanc avec bande noire
White
Blanco
Blanc
Gray with black stripe
Gris con rayas negras
Gris avec bande noire
Gray
Gris
Gris
Green with black stripe
Verde con rayas negras
Vert avec bande noire
Green
Verde
Vert
Purple with black stripe
Púrpura con rayas negras
Violet avec bande noire
Purple
Púrpura
Violet
(–) (+)
Left speaker (front)
Altavoz izquierdo (frontal)
Enceinte gauche (avant)
Right speaker (front)
Altavoz derecho (frontal)
Enceinte droit (avant)
Left speaker (rear)
Altavoz izquierdo (trasero)
Enceinte gauche (arrière)
Right speaker (rear)
Altavoz derecho (trasero)
Enceinte droit (arrière)

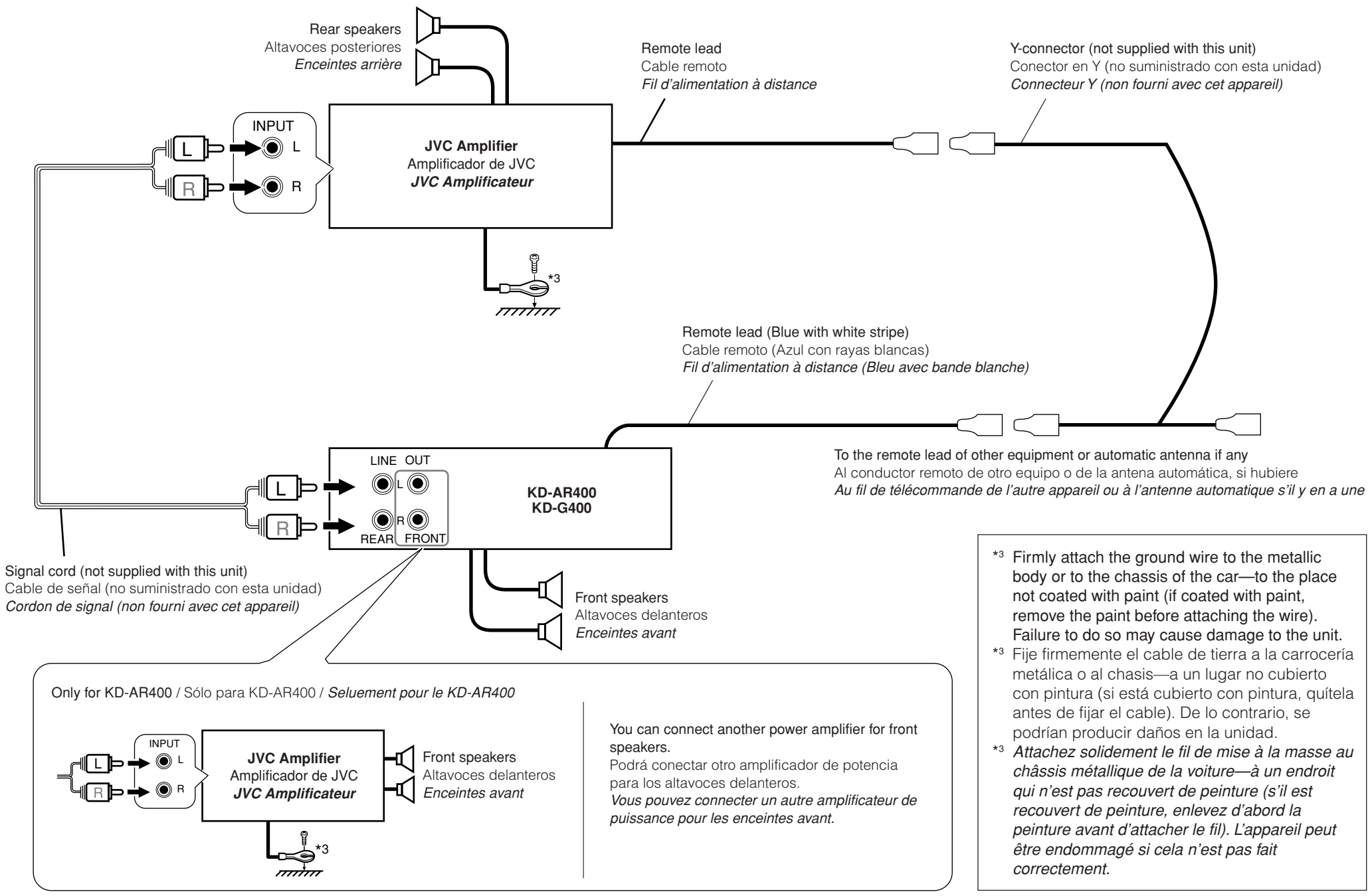
B Connections Adding Other Equipment / Conexiones para añadir otros equipos / Raccordement pour ajouter d'autres appareils

Amplifier / Amplificador / Amplificateur

You can connect an amplifier and other equipment to upgrade your car stereo system.
- Connect the remote lead (blue with white stripe) to the remote lead of the other equipment so that it can be controlled through this unit.
- **For amplifier only:**
  Disconnect the speakers from this unit, connect them to the amplifier. Leave the speaker leads of this unit unused.

Usted podrá conectar un amplificador y otros equipos para mejorar el sistema estéreo de su automóvil.
- Conecte el conductor remoto (azul con rayas blancas) al conductor remoto del otro equipo para poderlo controlar a través de esta unidad.
- **Sólo para el amplificador:**
  Desconecte los altavoces de esta unidad y conéctelos al amplificador. Los cables de los altavoces de esta unidad quedan sin usar.

Vous pouvez connecter un amplificateur ou autre appareil pour améliorer votre système autoradio.
- *Connectez le fil de commande à distance (bleu avec bande blanche) au fil de commande à distance de l'autre appareil de façon qu'il puisse être commandé via cet appareil.*
- **Pour l'amplificateur seulement:**
  Déconnectez les enceintes de cet appareil et connectez-les à l'amplificateur. Laissez les fils d'enceintes de cet appareil inutilisés.


Rear speakers
Altavoces posteriores
Enceintes arrière
Remote lead
Cable remoto
Fil d'alimentation à distance
Y-connector (not supplied with this unit)
Conector en Y (no suministrado con esta unidad)
Connecteur Y (non fourni avec cet appareil)
INPUT
L
R
JVC Amplifier
Amplificador de JVC
JVC Amplificateur
*3
Remote lead (Blue with white stripe)
Cable remoto (Azul con rayas blancas)
Fil d'alimentation à distance (Bleu avec bande blanche)
To the remote lead of other equipment or automatic antenna if any
Al conductor remoto de otro equipo o de la antena automática, si hubiere
Au fil de télécommande de l'autre appareil ou à l'antenne automatique s'il y en a une
LINE OUT
REAR FRONT
KD-AR400
KD-G400
Signal cord (not supplied with this unit)
Cable de señal (no suministrado con esta unidad)
Cordon de signal (non fourni avec cet appareil)
Front speakers
Altavoces delanteros
Enceintes avant
Only for KD-AR400 / Sólo para KD-AR400 / Seluement pour le KD-AR400
JVC Amplifier
Amplificador de JVC
JVC Amplificateur
Front speakers
Altavoces delanteros
Enceintes avant
*3
You can connect another power amplifier for front speakers.
Podrá conectar otro amplificador de potencia para los altavoces delanteros.
Vous pouvez connecter un autre amplificateur de puissance pour les enceintes avant.

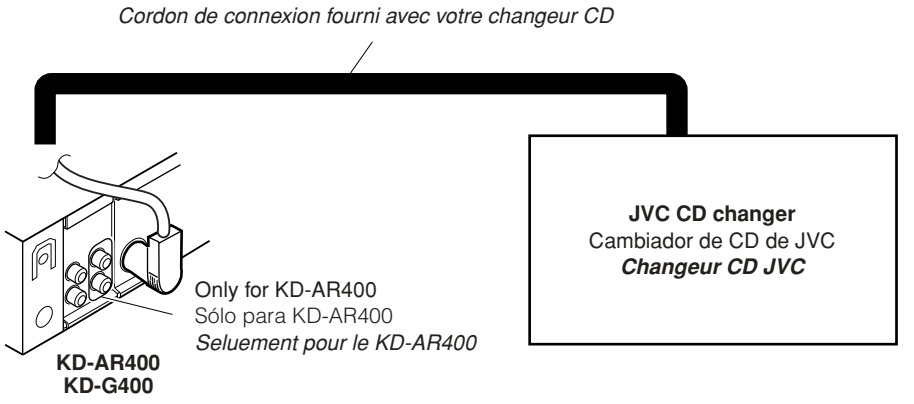
*3 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place not coated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.

*3 Fije firmemente el cable de tierra a la carrocería metálica o al chasis—a un lugar no cubierto con pintura (si está cubierto con pintura, quítela antes de fijar el cable). De lo contrario, se podrían producir daños en la unidad.

*3 *Attachez solidement le fil de mise à la masse au châssis métallique de la voiture—à un endroit qui n'est pas recouvert de peinture (s'il est recouvert de peinture, enlevez d'abord la peinture avant d'attacher le fil). L'appareil peut être endommagé si cela n'est pas fait correctement.*

CD Changer / Cambiador de CD / Changeur CD

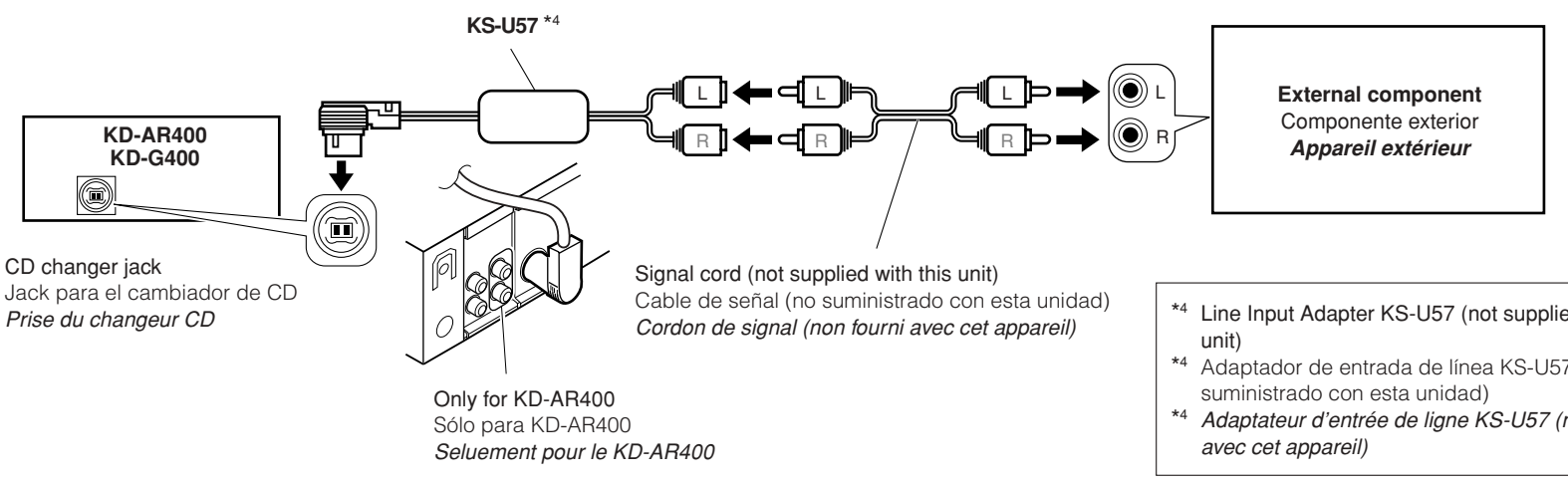
Refer also to page 28 of the INSTRUCTIONS.
Consulte también la página 28 de las MANUAL DE INSTRUCCIONES.
Référez-vous aussi à la page 28 du MANUEL D'INSTRUCTIONS.


Connecting cord supplied for your CD changer
Cable de conexión suministrado con su cambiador de CD
Cordon de connexion fourni avec votre changeur CD
JVC CD changer
Cambiador de CD de JVC
Changeur CD JVC
Only for KD-AR400
Sólo para KD-AR400
Seluement pour le KD-AR400
KD-AR400
KD-G400

CAUTION / PRECAUCION / PRECAUTION
- Before connecting the CD changer, make sure that the unit is turned off.
- Antes de conectar el cambiador de CD, asegúrese de que la unidad esté apagada.
- *Avant de connecter le changeur CD, s'assurer que l'unité est éteinte.*

External Component / Componente exterior / Appareil extérieur

For connecting the JVC SIRIUS Radio, refer to the SIRIUS Radio Setup Manual (separate volume).
Para la conexión de la radio JVC SIRIUS, consulte el Manual de configuración de la radio SIRIUS (volumen separado).
Pour brancher la radio JVC SIRIUS, référez-vous au Manuel d'installation de la radio SIRIUS (volume séparé).



*4 Line Input Adapter KS-U57 (not supplied with this unit)

*4 Adaptador de entrada de línea KS-U57 (no suministrado con esta unidad)

*4 *Adaptateur d'entrée de ligne KS-U57 (non fourni avec cet appareil)*

JVC

Having TROUBLE with operation?
Please check this Troubleshooting Guide.
Still having trouble??

USA ONLY

Call 1-800-252-5722

http://www.jvc.com

We can help you!

Since the descriptions in this troubleshooting guide have been designated to be applied to JVC's standard CD Receiver, some of the functions and operations described may not be applied exactly to your receiver.
If they cannot be applied exactly, refer also to the Instructions and Installation/Connection manual supplied with your receiver for details on the actual functions and operations, and cope with your troubles properly.

TROUBLESHOOTING GUIDE

For CD Receiver

Troubleshooting for CD Receiver

SYMPTOMS	CAUSES	REMEDIES
The unit does not turn on.	The power cords are not connected correctly.	Check if the connection is correctly finished, by referring to the Installation/Connection manual.
		Check if the original wiring in the car has been correctly finished, especially on the following terminal connections — Constant 12 volts, ACC (accessory), ground.
	A fuse has blown (in the unit or in the fuse block of the car).	Check if the connection and the original wiring in the car are correct, then replace the fuse. *If the fuse blows frequently, consult with your JVC car audio dealer.*
	The ground cable is not correctly earthed.	Check if the ground cable connection is correct and intact, by using a tester or other measuring devices. *If the ground cable is connected to a painted metallic part, sand off the paint from or connect to an unpainted metallic part.*
	Wiring is short-circuited.	Check if each cable is not cut or caught in the bracket or shorted by some other metallic parts.
	The car battery is exhausted. (The voltage power is less than 11 volts.)	Have the car battery and electrical system checked so that a proper output voltage (11 to 16 volts) is obtained. **CAUTION: NEVER use a 24-volt battery.**
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
No sound comes out of the speakers.	The speaker wiring is not correctly finished.	Check if the speaker wiring is correctly finished, by referring to the Installation/Connection manual.
	Speaker cables are short-circuited.	Check if each cable is not cut or caught in the bracket or shorted by some other metallic parts. *To prevent any short-circuit, cover the ends of any unused cable with insulating tape.*
	Original speaker wiring in the car has a common ground for both left and right speakers or speaker wiring is earthed to the metallic body or chassis of the car.	Do not use the original speaker wiring in the car. Redo the speaker wiring by referring to the Installation/Connection manual.
	Speaker cable connection or soldering is not intact.	Check if the speaker cable connection is correct and intact, by using a tester or other measuring devices.
	Volume is set to the minimum level.	Adjust the volume to the optimum level. *If this does not work, check and adjust the fader and balance settings.*
	Power amplifier built in this unit has been deactivated.	Activate the built-in power amplifier by turning on the power amplifier on/off switch. *Refer to the Instructions manual.*
	When using an external power amplifier: The remote cable is not connected correctly.	Check if the remote cable connection is correct and intact, by using a tester or other measuring devices.
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
CD sound is sometimes interrupted.	Used while driving on rough roads. (The unit is subjected to extreme shock.)	Check if the unit can play back a CD normally on a flat road.
	CD is scratched.	Check if the unit can play back another CD normally. *If CD sound is not interrupted while playing back another CD, there is nothing wrong with this unit.*
	CD is stained by fingerprints, grease, etc.	Clean CD with a commercially available cleaner.
	Pickup lens inside the unit is stained.	Clean the lens by using a commercially available pickup lens cleaner. **CAUTION: NEVER use a cleaner with a detachable brush.**
	Interference from the cellular phone.	Keep the phone away from the unit.
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
The unit does not operate at all.	Detachable control panel connection is not intact.	Clean the connectors on both detachable control panel and on the main unit, by referring to the Instructions manual.
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
CD is ejected and cannot be played.	CD is inserted upside down.	Insert the CD correctly with the printed surface facing up.
	CD is scratched.	Check if the unit can play back another CD normally. *If the unit can play back another CD normally, there is nothing wrong with this unit.*
	CD is stained by fingerprints, grease, etc.	Clean CD with a commercially available cleaner.
	Pickup lens inside the unit is stained.	Clean the lens by using a commercially available pickup lens cleaner. **CAUTION: NEVER use a cleaner with a detachable brush.**
	Moisture may condense on the pickup lens inside the unit.	Eject the CD and leave the unit turned on for a few hours until the moisture evaporates.
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
No station can be tuned.	No station uses the tuned frequency.	Tune into the correct station frequency.
	Antenna connection is not correct or intact.	Check if the connection is correct and intact.
	Antenna plug from the car does not fit into the unit.	Use an antenna adaptor. *Consult with your JVC car audio dealer with regard to an antenna adaptor.*
	Power antenna cannot be extended automatically.	Check if the remote cable connection is correct and intact, by using a tester or other measuring devices.
	Antenna booster is not switched on.	Check if the remote cable is correctly connected to the antenna booster.
	Remote cable is overloaded with a high electric current.	The remote cable can be loaded with up to 200 mA. The device requiring more than 200 mA (i.e. power supply of an external amplifier) should not be connected. *When connecting such a device requiring a high electric current, consult with your JVC car audio dealer.*
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
CD-R cannot be played back.	Recording format of the CD-R cannot be treated on this unit.	*Consult with the application company from which you purchased the CD-R recording software.*
	CD-R, disc itself, cannot be treated on this unit.	*Consult with the company making the discs you purchased.*

SYMPTOMS	CAUSES	REMEDIES
CD cannot be inserted.	Another CD has already been in the CD compartment.	Eject the CD already inserted, then insert a CD.
	CD player malfunctions.	Press and hold the POWER and EJECT buttons at the same time for more than 2 seconds.
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
CD changer does not work at all.	The unit is not connected to the CD changer correctly. (When this is the cause, "R 8" or "RESET 8" appears on the display.)	Connect the unit and the CD changer correctly and press the reset button of the CD changer.
	No power is supplied to the CD changer.	Check if the short pin or power cord is connected correctly to the CD changer.
	Ejection mechanism error. (When this is the cause, "R 1" or "RESET 1" appears on the display.)	Press the reset button of the CD changer.
	Lifter (disc up/down) motor mechanism error. (When this is the cause, "R 2" or "RESET 2" appears on the display.)	Press the reset button of the CD changer.
	Tray (out/in) motor mechanism error. (When this is the cause, "R 3" or "RESET 3" appears on the display.)	Press the reset button of the CD changer.
	Pickup mechanism error (not return to the reset position when ejecting CD). (When this is the cause, "R 4" or "RESET 4" appears on the display.)	Press the reset button of the CD changer.
	Buss protocol error (signal transmission error). (When this is the cause, "R 6" or "RESET 6" appears on the display.)	Press the reset button of the CD changer.
	The microcomputer built in this unit malfunctions due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. *Consult with your JVC car audio dealer.*

SYMPTOMS	CAUSES	REMEDIES
CD cannot be ejected.	CD ejection is prohibited.	Press and hold the CD and EJECT buttons at the same time for more than 2 seconds.
	CD player malfunctions.	Press and hold the POWER and EJECT buttons at the same time for more than 2 seconds.
	The microcomputer built in this unit is not functioning correctly due to noise, etc.	Press the Reset button, or press and hold the POWER and SEL buttons at the same time for more than 2 seconds to reset the microcomputer. *The clock setting and other preset setting such as preset stations will be erased.*
	Others.	The unit is damaged. Consult with your JVC car audio dealer.

JVC

LVT1120-001A
[J]

0903MNMMDWJEIN
EN, SP, FR

ENGLISH

A Guide to MP3/WMA

IMPORTANT: Some players cannot play back WMA files. For the WMA compatibility, refer to Instructions of your car audio (separate volume).

▶ What are MP3/WMA?

MP3 (MPEG Audio Layer 3) is one of digital audio compression standards.
- This player cannot play back MP3i and MP3 PRO formats.

WMA (Windows Media® Audio) is the digital audio compression format developed by Microsoft Corporation. WMA formatted files copy-protected with DRM cannot be decoded and played on this product.
- This player cannot play back WMA files that are encoded with the following methods:
  - Lossless
  - Professional
  - Voice

▶ About Tag of MP3/WMA

This player can show the names of albums, artists (performer), and tracks of MP3/WMA Tag.
- This player can handle only one-byte characters. Any other characters cannot be correctly displayed.

▶ About formats of MP3/WMA

This player cannot play back the following files:
- MP3/WMA files without extensions such as [.MP3] or [.WMA].
- MP3/WMA files with the extensions other than [.MP3] or [.WMA].
- Files which do not have MP3/WMA data.
- MP3/WMA files are not encoded in an appropriate format (this player skips the files after "Not Support" appears on the display).
- MP3 files encoded with Layer 1/2 (this player skips the files after "Not Support" appears on the display).
- WMA files which are not based upon Windows Media® Audio.
- WMA formatted files copy-protected with DRM (this player skips the files after "Not Support" appears on the display).
- Files which have the data such as WAVE, ATRAC3, etc.

▶ About available formats of disc

This player cannot play back the following cases:
- CD-R/RW on which the files are written with "Packet Write" method.
- There are improper recording conditions (missing data, etc.) or media conditions (stain, scratch, warp, etc.).
- There are unclosed sessions on CD-R/RW (this player skips unclosed sessions).

▶ About functions restrained during MP3/WMA playback

- The search function works but search speed is not constant during search.
- When skip is tried at the last file in a folder, the next folder is selected.

▶ Glossary

CD-DA
The data of music CD

Mixed-CD
A CD-R/RW on which audio tracks (CD-DA data) have been added to data tracks before closing a session.

Enhanced-CD
A CD-R/RW on which data tracks have been added to audio tracks (CD-DA data) before closing a session.

Multiple session
A CD-writing method, which make it possible to add data on a CD-R/RW after closing a session.

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ESPAÑOL

Una guía sobre MP3/WMA

IMPORTANTE: Algunos reproductores no pueden reproducir archivos WMA. Para la compatibilidad con WMA, consulte el Manual de instrucciones de su car audio (volumen separado).

▶ ¿Qué es MP3/WMA?

MP3 (MPEG Audio Layer 3) es una de las normas de compresión de audio digital.
- Este reproductor no puede reproducir los formatos MP3i y MP3 PRO.

WMA (Windows Media® Audio) es el formato de compresión de audio digital desarrollado por Microsoft Corporation. Los archivos formateados WMA protegidos contra la copia por DRM, no pueden ser decodificados ni reproducidos en este producto.
- Este reproductor no puede reproducir archivos WMA codificados con los siguientes métodos:
  - Lossless (Sin pérdida)
  - Professional (Profesional)
  - Voice (Voz)

▶ Acerca del Tag para MP3/WMA

Este reproductor puede mostrar los nombres de los albumes, artistas (ejecutantes), y pistas del Tag para MP3/WMA.
- Este reproductor puede manejar solamente caracteres de un byte. Los demás caracteres no serán visualizados correctamente.

▶ Acerca de los formatos disponibles con MP3/WMA

Este reproductor no puede reproducir los archivos siguientes:
- Archivos MP3/WMA que no tengan las extensiones [.MP3] o [.WMA].
- Archivos MP3/WMA con otras extensiones que no sean [.MP3] o [.WMA].
- Archivos que no tengan datos MP3/WMA.
- Los archivos MP3/WMA no están codificados en un formato apropiado (este reproductor omitirá los archivos después que aparezca "Not Support" en la pantalla).
- Archivos MP3 codificados con Layer 1/2 (este reproductor omitirá los archivos después que aparezca "Not Support" en la pantalla).
- Archivos WMA que no se basan en Windows Media® Audio.
- Archivos formateados WMA protegidos contra la copia por DRM (este reproductor omitirá los archivos después que aparezca "Not Support" en la pantalla).
- Archivos que disponen de datos tales como WAVE, ATRAC3, etc.

▶ Acerca de los formatos de discos disponibles

Este reproductor no puede reproducir en los siguientes casos:
- CD-R/RW cuyos archivos están escritos con el método "Packet Write" (escritura por paquetes).
- Condiciones inadecuadas de grabación (datos faltantes, etc.) o del medio (manchas, rayaduras, alabeo, etc.).
- Hay sesiones sin cerrar en el CD-R/RW (este reproductor omite las sesiones sin cerrar).

▶ Acerca de las funciones inhibidas durante la reproducción de MP3/WMA

- Es posible activar la función de búsqueda, pero la velocidad de búsqueda no se mantiene constante.
- Cuando se intente omitir en el último archivo de una carpeta, se seleccionará la siguiente carpeta.

▶ Glosario

CD-DA
Datos de un CD de música

Mixed-CD
Un CD-R/RW con pistas de audio (datos de CD-DA) añadidas a las pistas de datos antes de cerrar una sesión.

Enhanced-CD
Un CD-R/RW al que se han añadido pistas de audio (datos de CD-DA) antes de cerrar una sesión.

Multiple session (Multisesión)
Un método de escritura de CD, que hace posible añadir datos a un CD-R/RW después de cerrar una sesión.

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FRANÇAIS

Un guide du format MP3/WMA

IMPORTANT: *Certains lecteurs ne peuvent pas reproduire les fichiers WMA. Pour connaître la compatibilité de votre lecteur avec le format WMA, veuillez vous référer au Manuel d'instructions de votre autoradio (volume séparé).*

▶ Qu'est-ce que le format MP3/WMA?

MP3 (Norme MPEG Audio de Layer 3) est une des normes de compression audio numérique.
- *Ce lecteur ne peut pas reproduire les formats MP3i et MP3 PRO.*

WMA (Windows Media® Audio) est le format de compression audio numérique mis au point par Microsoft Corporation. Les fichiers WMA avec protection contre les copies DRM ne peuvent pas être décodés ni reproduits sur cet appareil.
- *Ce lecteur ne peut pas reproduire les fichiers WMA codés avec une des méthodes suivantes:*
  - *Lossless (Sans perte de qualité)*
  - *Professional (Professionnel)*
  - *Voice (Voix)*

▶ À propos des balises MP3/WMA

Ce lecteur peut afficher le nom des albums, des artistes (interprète) et des plages des balises MP3/WMA.
- *Ce lecteur peut prendre en charge uniquement les caractères d'un octet. Tous les autres caractères ne peuvent pas être affichés correctement.*

▶ À propos des formats MP3/WMA

Ce lecteur ne peut pas reproduire les fichiers suivants:
- *Les fichiers MP3/WMA sans extension telle que [.MP3] ou [.WMA].*
- *Les fichiers MP3/WMA avec une extension différente que [.MP3] ou [.WMA].*
- *Les fichiers qui ne contiennent pas de données MP3/WMA.*
- *Les fichiers MP3/WMA ne sont pas codés dans le format approprié (ce lecteur saute ces fichiers après que "Not Support" apparaisse sur l'afficheur).*
- *Les fichiers MP3 codés avec le Layer 1/2 (ce lecteur saute ces fichiers après que "Not Support" apparaisse sur l'afficheur).*
- *Les fichiers WMA qui ne sont pas basés sur Windows Media® Audio.*
- *Les fichiers WMA avec protection contre les copies DRM (ce lecteur saute ces fichiers après que "Not Support" apparaisse sur l'afficheur).*
- *Les fichiers avec des données telles que WAVE, ATRAC3, etc.*

▶ À propos des formats de disque disponibles

Ce lecteur ne peut pas reproduire les disques dans les cas suivants:
- *Les CD-R/RW sur lesquels les fichiers ont été écrits avec la méthode "Packet Write" (écriture par paquet).*
- *Mauvaises conditions d'enregistrement (données manquantes, etc.) ou mauvaise condition du support (tâche, rayure, voilage, etc.).*
- *Une session sur le CD-R/RW n'a pas été fermée (ce lecteur saute les sessions non fermées).*

▶ À propos des fonctions réduites pendant la lecture MP3/WMA

- *La fonction de recherche fonctionne mais la vitesse de recherche n'est pas constante.*
- *Quand vous essayez d'utiliser la fonction de saut pour le dernier fichier d'un dossier, le dossier suivant est choisi.*

▶ Glossaire

CD-DA
Les données des CD musicaux

Mixed-CD *(CD mixé)*
Des plages audio (données CD-DA) ont été ajoutées aux plages de données d'un CD-R/RW avant la fermeture d'une session.

Enhanced-CD *(CD amélioré)*
Des plages de données ont été ajoutées aux plages audio (données CD-DA) d'un CD-R/RW avant la fermeture d'une session.

Multiple session *(Session multiple)*
Une méthode d'écriture de CD qui permet d'ajouter des données sur un CD-R/RW après la fermeture d'une session.

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Table of playable disc types / Tabla de los tipos de discos reproducible / Tableau des types de disque reproductibles

○: Compatible / Compatible / *Compatible*

		Models compatible with both MP3 and WMA files / Modelos compatibles con ambos archivos, MP3 y WMA / Modèles compatibles avec les fichiers MP3 et WMA	Models compatible with only MP3 files / Modelos compatibles con archivos MP3 solamente / Modèles compatibles uniquement avec les fichiers MP3
Discs containing both MP3 files and WMA files / Discos conteniendo tanto archivos MP3 como archivos WMA / Disques contenant des fichiers MP3 et WMA		○	MP3 playback / Reproducción de MP3 / *Lecture MP3*
Mixed-CD	**MP3 + CD-DA**	MP3 playback / Reproducción de MP3 / *Lecture MP3*	
	WMA + CD-DA	WMA playback / Reproducción de WMA / *Lecture WMA*	CD-DA playback / Reproducción de CD-DA / *Lecture CD-DA*
	MP3/WMA + CD-DA	MP3/WMA playback / Reproducción de MP3/WMA / *Lecture MP3/WMA*	MP3 playback / Reproducción de MP3 / *Lecture MP3*
	Other files + CD-DA / Otros archivos + CD-DA / Autres fichiers + CD-DA	CD-DA playback / Reproducción de CD-DA / *Lecture CD-DA*	
Enhanced-CD	**CD-DA + MP3/WMA**	CD-DA playback / Reproducción de CD-DA / *Lecture CD-DA*	
File name system*1 / Sistema de nombre de archivo*1 / Système noms de fichiers*1	**ISO9660 Level1 / Nivel1 / Niveau1**	Up to 12 characters (8.3 format) / Hasta 12 caracteres (formato 8,3) / *Jusqu'à 12 caractères (format 8,3)*	
	ISO9660 Level2 / Nivel2 / Niveau2	Up to 31 characters / Hasta 31 caracteres / *Jusqu'à 31 caractères*	
	ISO9660 Level3 / Nivel3 / Niveau3	Not available / No disponible / *Non disponible*	
	Romeo	Up to 128 (72) characters*2 / Hasta 128 (72) caracteres*2 / *Jusqu'à 128 (72) caractères*2	
	Joliet	Up to 64 (36) characters*2 / Hasta 64 (36) caracteres*2 / *Jusqu'à 64 (36) caractères*2	
	Windows long file name / Norma de archivo largo de Windows / Nom de fichier Windows longs	Up to 128 (72) characters*2 / Hasta 128 (72) caracteres*2 / *Jusqu'à 128 (72) caractères*2	
Multiple session / Multisesión / Session multiple		○	
80-minute discs (capacity: 700 MB) / Discos de 80 minutos (capacidad: 700MB) / Disques de 80 minutes (capacité: 700 Mo)		○	

*1: Maximum number of characters for file/folder names includes 4 extension characters—".MP3" or ".WMA".
El número máximo de caracteres para nombres de archivos/carpetas incluye 4 caracteres de extensión—".MP3" o ".WMA".
Le nombre maximum de caractères pour les noms de fichier/dossier est de 4—".MP3" ou ".WMA".

*2: The parenthetic figure is the maximum number of characters for file/folder names in case the total number of files and folders is 313 or more.
La cifra entre paréntesis indica el número máximo de caracteres para los nombres de archivos/carpetas en caso de que el número total de archivos y carpetas sea de 313 o más.
Le nombre entre parenthèses indique le nombre maximum de caractères pour les noms de fichier/dossier dans le cas où le nombre total de fichiers et de dossiers et de 313 ou plus.

Table for playable MP3/WMA files / Tabla de archivos MP3/WMA reproducible / Tableau des fichiers MP3/WMA reproductibles

○: Compatible / Compatible / *Compatible*

			Models compatible with both MP3 and WMA files / Modelos compatibles con ambos archivos, MP3 y WMA / Modèles compatibles avec les fichiers MP3 et WMA	Models compatible with only MP3 files / Modelos compatibles con archivos MP3 solamente / Modèles compatibles uniquement avec les fichiers MP3
WMA playback / Reproducción de WMA / Lecture WMA			○	Not playable / No reproducible / *Non reproductible*
MP3	**Bit-rate / Velocidad de bit / Débit binaire**		8 kbps—320 kbps	
	VBR		○	
	Sampling frequency / Frecuencia de muestreo / Fréquence d'échantillonnage	**MPEG-1**	48 kHz, 44.1 kHz, 32 kHz	
		MPEG-2	24 kHz, 22.05 kHz, 16 kHz	
	Joint stereo / Estéreo conjunto / Stéréo combiné		○	
	Emphasis / Énfasis / Accentuation		○	
	ID3-Tag / Etiqueta ID3 / Balises ID3		Ver. 1.0, 1.1, 2.2, 2.3, 2.4	
WMA	**Bit-rate / Velocidad de bit / Débit binaire**		32 kbps—192 kbps	Not available / No disponible / *Non disponible*
	Sampling frequency / Frecuencia de muestreo / Fréquence d'échantillonnage		48 kHz, 44.1 kHz, 32 kHz	Not available / No disponible / *Non disponible*
	WMA-Tag / Etiqueta WMA / Balises WMA		○	Not available / No disponible / *Non disponible*
m3u playlist			Not available / No disponible / *Non disponible*	
Manual search / Búsqueda manual / Recherche manuelle			○ (Search speed is not constant. / La velocidad de búsqueda no es constante. / *La vitesse de recherche n'est pas constante.*)	
Maximum number of folder hierarchy / Máximo número de jerarquía de carpetas / Nombre maximum de hiérarchies de dossiers			8	
Maximum number of files/folders / Máximo número de archivos/carpetas / Nombre maximum de fichiers/dossiers	**Folders on a disc / Carpetas en un disco / Dossiers sur un disque**		200	
	Total / Total / Total		512	
Maximum number of characters on the display / Máximo número de caracteres en la pantalla / Nombre maximum de caractères sur l'afficheur			128 (including [.MP3] or [.WMA]) (incluyendo [.MP3] o [.WMA]) *(incluant [.MP3] ou [.WMA])*	128 (including [.MP3]) (incluyendo [.MP3]) *(incluant [.MP3])*
Playback order / Orden de reproducción / Ordre de lecture			In the order of hierarchy / En el orden de la jerarquía / *Dans l'ordre des hiérarchie*	

▶ Questions and Answers

An MP3/WMA disc requires a long readout time...?
When an MP3/WMA disc is inserted, information inside the disc (number of folders and files, and positions of data) is first read.
So, in the following cases, a fairly long time may be needed before playback starts:
- If the file structure is complicated,
- If the number of files is large, or
- If the number of sessions is large (in case of multi-session discs).

There occurs sound interruption or sound skipping...?
Sound interruption or sound skipping may occur, depending on recording conditions (missing data, etc.) or media conditions (stain, scratch, warp, etc.).

MP3/WMA files are not played back in an intended order...?
This player plays back MP3/WMA files in order of hierarchy levels.
- The playback order may differ from your intended order because of your writing software.

Elapsed playing time is not displayed correctly...?
Files recorded in VBR (variable bit rate) have a discrepancy in elapsed time display, and do not show the actual passage of time. Especially, after performing the search function, this difference becomes noticeable.

▶ Preguntas y respuestas

¿Un disco MP3/WMA requiere un mayor tiempo de lectura...?
Cuando se inserta un disco MP3/WMA, primero se lee la información contenida dentro del disco (número de carpetas y archivos, y posiciones de los datos).
Por lo tanto, en los siguientes casos, es posible que se tarde un poco antes de iniciarse la reproducción:
- Si la estructura del archivo es complicado,
- Si el número de archivos es grande,
- Si el número de sesiones es grande (en caso de discos de múltiples sesiones).

¿Ocurre la interrupción de sonido o la omisión de sonido...?
Puede producirse interrupción u omisión de sonido, dependiendo de las condiciones de grabación (datos faltantes, etc.) o del medio (manchas, rayaduras, alabeo, etc.).

¿Los archivos MP3/WMA no se reproducen en el orden previsto...?
Este reproductor reproduce los archivos MP3/WMA en el orden de los niveles de jerarquía.
- El orden de reproducción puede ser distinto del orden previsto debido a su software de escritura.

¿El tiempo transcurrido no se visualiza correctamente...?
Los archivos grabados en VBR (velocidad de bit variable) presentan discrepancia en la visualización del tiempo transcurrido, y no visualizan exactamente el tiempo que transcurre. Especialmente, esta diferencia se vuelve más evidente después de realizar la función de búsqueda.

▶ Questions et réponses

Le temps d'initialisation d'un disque MP3/WMA est plus long...?
Quand un disque MP3/WMA est inséré, les informations dans le disque (nombre de dossiers et de fichiers, position des données) sont lues.
Dans les cas suivants, un temps plus long peut être nécessaire avant que la lecture démarre:
- *Si la structure des fichiers est compliquée.*
- *Si le nombre de fichiers est grand.*
- *Si le nombre de sessions est grand (dans le cas d'un disque multi sessions).*

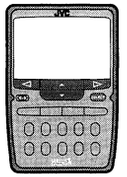
Il y a des interruptions de son ou le son est sauté...?
Des interruptions du son ou des sauts dans la lecture peuvent se produit en fonction des conditions d'enregistrement (données manquantes, etc.) ou des conditions du support (tâche, rayure, voilage, etc.).

Les fichiers MP3/WMA ne sont pas reproduits dans l'ordre souhaité...?
Ce lecteur reproduit les fichiers MP3/WMA dans l'ordre des niveaux de hiérarchie.
- *L'ordre de lecture peut différer de l'ordre souhaité à cause du logiciel de gravure.*

La durée de lecture écoulée n'est pas affichée correctement...?
Les fichiers enregistrés en mode VBR (débit binaire variable) ont une différence dans l'affichage de la durée de lecture écoulée et n'affiche pas le temps du passage actuel. Plus spécialement, la différence devient importante après l'utilisation de la fonction de recherche.

SIRIUS Radio Setup Manual
Manual de configuración de la radio SIRIUS
Manuel d'installation de la radio SIRIUS

LVT1122-001A
[J]

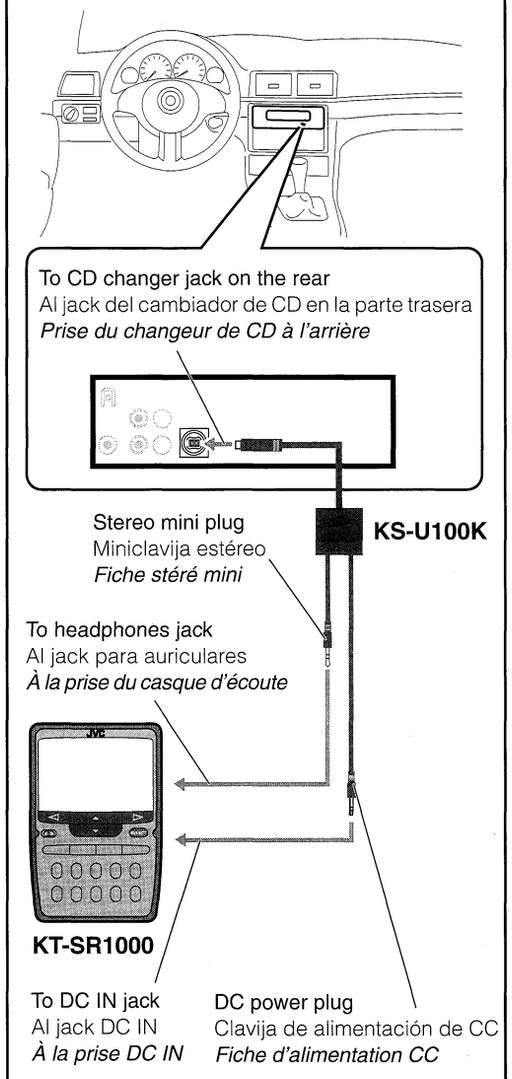

KT-SR1000

KS-U100K

JVC Car Receiver
Receptor para automóvil JVC
Autoradio JVC

SIRIUS COMPATIBLE

EN, SP, FR


To CD changer jack on the rear
Al jack del cambiador de CD en la parte trasera
Prise du changeur de CD à l'arrière
Stereo mini plug
Miniclavija estéreo
Fiche stéré mini
KS-U100K
To headphones jack
Al jack para auriculares
À la prise du casque d'écoute
KT-SR1000
To DC IN jack
Al jack DC IN
À la prise DC IN
DC power plug
Clavija de alimentación de CC
Fiche d'alimentation CC

ENGLISH

You can connect JVC SIRIUS Radio KT-SR1000 (not supplied), and enjoy its sound through this receiver.

- The power can be supplied to KT-SR1000 through this receiver.

Connecting the SIRIUS Radio

To connect KT-SR1000, it is also required to purchase JVC SIRIUS Radio Adapter KS-U100K.

- See the left diagram for connection.

Set up the SIRIUS Radio

After connection, follow the procedure below to use the SIRIUS Radio with this receiver.

1 Turn on the receiver.

2 Select "SIRIUS" for the external component setting—"EXT IN" or "EXT INPUT" of the PSM items.
- For details, refer to the PSM section of the Instructions.

Daily operations

1 Turn on the receiver.
Your SIRIUS Radio also comes on.

2 Select "SIRIUS" as the playback source on the receiver.

3 Adjust the sound on the receiver.

4 Operate your SIRIUS Radio.
- For its operations, refer to its Instructions supplied.

ESPAÑOL

Podrá conectar la radio SIRIUS JVC KT-SR1000 (no suministrada), y disfrutar de su sonido a través de este receptor.

- La alimentación para la KT-SR1000 puede suministrarse a través de este receptor.

Conexión de la radio SIRIUS

Para conectar la KT-SR1000, también deberá comprar el adaptador KS-U100K para la radio SIRIUS JVC.

- Para la conexión, consulte el diagrama de la izquierda.

Configuración de la radio SIRIUS

Después de la conexión, proceda de la siguiente manera para poder utilizar la radio SIRIUS con este receptor.

1 Encienda el receptor.

2 Seleccione "SIRIUS" para el ajuste del componente externo—"EXT IN" o "EXT INPUT" de las opciones PSM.
- Para más detalles, consulte la sección PSM de las instrucciones.

Operaciones diarias

1 Encienda el receptor.
Su radio SIRIUS también se enciende.

2 Seleccione "SIRIUS" como fuente de reproducción en su receptor.

3 Ajuste el sonido en el receptor.

4 Opere su radio SIRIUS.
- Para las operaciones, consulte las instrucciones suministradas.

FRANÇAIS

Vous pouvez connecter la radio SIRIUS JVC KT-SR1000 (non fournie) et écouter son son à travers cet autoradio.

- *L'alimentation peut être fournie au KT-SR1000 par cet autoradio.*

Connexion de la radio SIRIUS

Pour connecter la KT-SR1000, il faut aussi acheter l'adaptateur pour radio SIRIUS JVC, KS-U100K.

- *Référez-vous au diagramme ci-à gauche pour la connexion.*

Réglage de la radio SIRIUS

Après la connexion, suivez la procédure suivante pour utiliser la radio SIRIUS avec cet autoradio.

1 *Mettez l'autoradio sous tension.*

2 *Choisissez "SIRIUS" pour le réglage de l'appareil extérieur—"EXT IN" ou "EXT INPUT" des réglages PSM.*
- *Pour les détails, référez-vous à la section PSM du manuel d'instructions.*

Fonctionnement quotidien

1 *Mettez l'autoradio sous tension.*
Votre radio SIRIUS se met aussi sous tension.

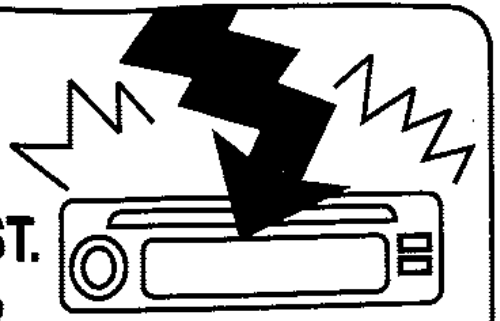
2 *Choisissez "SIRIUS" comme source de lecture sur l'autoradio.*

3 *Ajustez le son sur l'autoradio.*

4 *Utilisez votre radio SIRIUS.*
- *Pour son fonctionnement, référez-vous au manuel d'instruction qui l'accompagne.*

⚠ CAUTION

CONNECT BLACK WIRE(① GND) TO GROUND FIRST.
OTHERWISE,DAMAGE TO YOUR UNIT MAY OCCUR.



⚠ CAUTION

INCORRECT CONNECTION CAUSES SERIOUS DAMAGE TO THIS UNIT.
PLEASE READ INSTALLATION/CONNECTION MANUAL CAREFULLY.

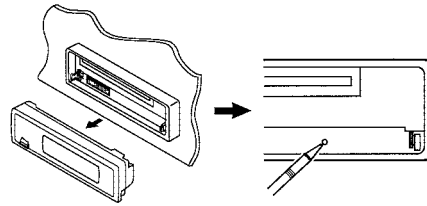
JVC IMPORTANT

Notice the following information will help you to solve your problems.
Keep this IMPORTANT sheet together with the INSTRUCTIONS.

- **After installing the unit**
  → Follow the procedure [A] described below.
- **If the unit does not operate**
  → Follow the procedure [A] described below.
- **If a disc is not ejected from the loading slot**
  → Follow the procedure [B] described below. (If the procedure [B] does not work, try the procedure [A].)
- **If a disc is not recognized ("NO DISC" appears on the display) even though there is a disc in the loading slot**
  → Follow the procedure [B] described below. (If the procedure [B] does not work, try the procedure [A].)

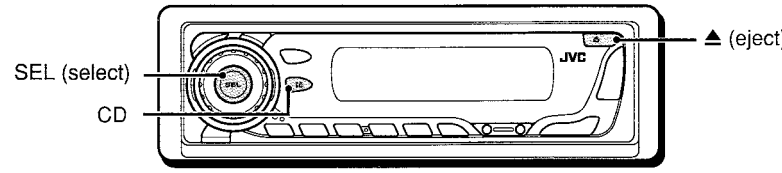
[A] To reset the microcomputer

After detaching the control panel, press the reset button on the panel holder using a ball-point pen or a similar tool.
This will reset the built-in microcomputer.
NOTE: Your preset adjustments—such as preset channels or sound adjustments—will also be erased.

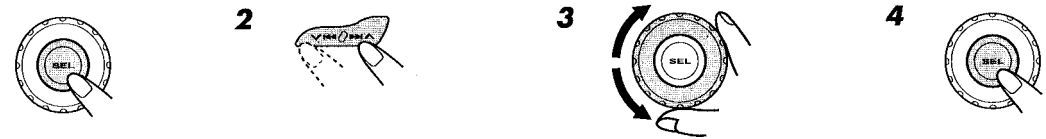


[B] To eject a disc by force

While holding CD, press SEL (select) for more than 2 seconds.
("PLEASE" and "EJECT" appear alternately on the display.) When you open the control panel by pressing ⏏, be careful not to drop the disc when it is ejected.



Canceling the display demonstration / Beendigung der Display-Demonstration / Annulation de la démonstration des affichages / Annuleren van de displaydemonstratie



ENGLISH

When shipped from the factory, display demonstration has been activated, and starts automatically when no operations are done for about 20 seconds.

- It is recommended to cancel the display demonstration before you use the unit for the first time.

To cancel the display demonstration, follow the procedure below:

1 Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
2 Select "DEMO" if not shown on the display.
3 Select "DEMO OFF."
4 Finish the setting.

To activate the display demonstration, repeat the same procedure and select "DEMO ON" in step **3**.

DEUTSCH

Die Display-Demonstration ist werkseitig aktiviert und beginnt automatisch, wenn für ca. 20 Sekunden keine Aktionen durchgeführt wurden.

- Es wird empfohlen, die Display-Demonstration vor der ersten Verwendung des Geräts auszuschalten.

Führen Sie die folgenden Schritte zur **Beendigung der Display-Demonstration aus**:

1 Drücken Sie die Taste SEL (Auswahl), und halten Sie sie länger als 2 Sekunden gedrückt, bis eine der PSM-Elemente im Display angezeigt wird.
2 Wählen Sie „DEMO", sofern nicht bereits im Display angezeigt wird.
3 Wählen Sie „DEMO OFF" aus.
4 Bestätigen Sie die Einstellung.

Zum Aktivieren der Display-Demonstration wiederholen Sie das gleiche Verfahren und wählen „DEMO ON" in Schritt **3**.

FRANÇAIS

À l'expédition de l'usine, la démonstration est en service et celle-ci démarre automatiquement quand aucune opération n'est effectuée pendant environ 20 secondes.

- Il est recommandé d'annuler la démonstration des affichages avant d'utiliser l'appareil pour la première fois.

Pour annuler la démonstration, suivez la procédure ci-dessous.

1 Maintenez pressée SEL (sélection) pendant plus de 2 secondes de façon que l'un des éléments PSM apparaisse sur l'affichage.
2 Choisissez "DEMO" s'il n'apparaît pas sur l'affichage.
3 Choisissez "DEMO OFF".
4 Terminez le réglage.

Pour mettre en service la démonstration des affichages, répétez la même procédure et choisissez "DEMO ON" à l'étape **3**.

NEDERLANDS

Bij het verlaten van de fabriek is de displaydemonstratie geactiveerd en start deze automatisch indien u gedurende ongeveer 20 seconden geen bediening uitvoert.

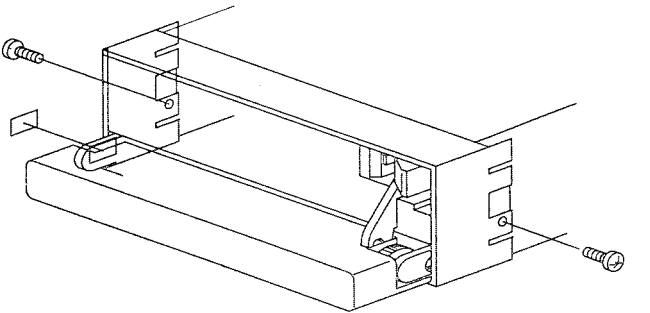
- Het wordt aanbevolen de demonstratie op het display te annuleren voordat u het toestel voor het eerst gaat gebruiken.

Voor het annuleren van de displaydemonstratie, voert u de volgende handelingen uit:

1 Druk op SEL (selecteren) in en houd deze tenminste 2 seconden ingedrukt, zodat een van de PSM-vermeldingen op de display wordt weergegeven.
2 Kies "DEMO" indien het niet op het display wordt getoond.
3 Kies "DEMO OFF".
4 Voltooi de instelling.

Om de demonstratie op het display weer te activeren, herhaalt u deze procedure en kiest u in stap **3** "DEMO ON".

When it is not required to detach the front control panel from the main unit, use the provided sheet follow by the screws to attach the control panel to the main unit.



GE40227-001A

Thank you for purchasing

JVC®

Instructions
Fold so opening is at the top.
Tape in middle or on front.

Please do not send products or other correspondence to this address.

307C

PLACE
FIRST-CLASS
STAMP
HERE

JVC®
PO BOX 3434
PEORIA IL 61612-3434

PRODUCT REGISTRATION CARD/QUESTIONNAIRE

US CUSTOMERS ONLY

Registering your product will allow us to contact you in the unlikely event a product safety notification is required.

This is not a warranty card. Retain your bill of sale for proof of warranty coverage.

THANK YOU FOR PURCHASING THIS JVC PRODUCT

REGISTER ONLINE AT: WWW.JVC.COM

JVC® Product Registration

IMPORTANT: Please fill-out and return in 10 days or Log to JVC.com and register On-Line

First Name: _____

Last Name: _____

Address: _____

Apt #" _____

City: _____

State: _____

Zip: _____

Phone: _____

Email Address: _____

Thank you! We appreciate your responses to this questionnaire.
The information you choose to share with us will be used by JVC to offer you product information and other communications that may interest you.
If you prefer not to be contacted about these special offers, please check here. { }

Date of Purchase _____

Model Number _____

Serial Number _____

Purchase Price _____

Dealer _____

1) Did you:
- Purchase this product your self?
- Receive this product as a gift?

2) Is this Product:
- The first product of this type you have ever owned?
- A replacement for a similar JVC product?
- A replacement for a similar product made by another company?
- An addition to a similar product you are still using?

3) What factors most influenced your decision to purchase this product?
- JVC brand reputation
- Previous experience with JVC products
- Price
- Specific product features
- Style/appearance
- Salesperson's recommendation
- Friend/relative's recommendation
- Warranty coverage
- Other

4) How did you learn about this product?
- Magazine Advertisement
- Newspaper Advertisement
- TV/Radio Announcement
- Product Brochure
- Direct Mail
- Mail Order Catalog
- Friend/Relative Recommendations
- Salesperson/Store Recommendation
- Internet
- Dealer Event
- Other

5) Your Gender:
- Male
- Female

6) Your Marital Status
- Married
- Single

7) What is your approximate annual household income level?
- Under $25,000
- $25,000 – $49,000
- $50,000 $74,000
- $75,000 – $99,000
- $100,000 and over

Comments:

_____

_____

_____

_____

_____

_____

_____

JVC Thanks you for completing this questionnaire.
Your responses will help us reach you with offers that may interest you.
If you prefer not to receive these offers please check here { }

BT-51034-1
(0703)

Printed in Indonesia

Authorized Service Centers

QUALITY JVC® SERVICE

HOW TO LOCATE YOUR JVC SERVICE CENTER

TOLL FREE: 1 (800) 537-5722

http://www.jvc.com

Dear Customer,
In order to receive the most satisfaction from your purchase, please read the instruction booklet before operating the unit. In the event that repairs are necessary, please call 1 (800)537-5722 for your nearest authorized servicer or visit our website at **www.JVC.com**
Remember to retain your Bill of Sale for Warranty Service.

Do not service the television yourself

Caution

To prevent electrical shock, do not open the cabinet. There are no user serviceable parts inside. Please refer to qualified service personnel for repairs.

Accessories

To purchase accessories for your JVC product, please call toll free: 1 (800)882-2345 or on the web at **www.JVC.com**

BT-51029-1
(1001)

PRINTED IN INDONESIA

JVC

LIMITED WARRANTY

AUDIO-2 **USA ONLY**

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVC Company of America (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of the original purchase for the period shown below. ("The Warranty Period")

PARTS	LABOR
2 YRS	**2 YRS**

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products must be brought or shipped to a JVC authorized service center.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Either contact the selling dealer or call 1-800-537-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvc.com.
If service is not available locally, box the product carefully, preferably in the original carton, and ship, insured, with a copy of your bill of sale plus a letter explaining the problem to the nearest JVC authorized service center, the location of which will be provided by the toll-free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department at 800-252-5722

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning.
4. Damage that occurs in shipment, due to act of God, and cosmetic damage.
5. Signal reception problems and failures due to line power surge.
6. Products used for commercial purposes, including, but not limited to rental.
7. Accessories
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase).

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. : _____ Serial No. : _____

Purchase data : _____ Name of dealer : _____